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Environmental Assessment Data Systems Terminology Reference Manual

Acurex Corp.
Mountain View, CA

Prepared for

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Environmental Assessment Data Systems

Terminology Reference Manual

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16. ABSTRACT The report is a general reference manual on the terminology used to enter and retrieve information from the Environmental Assessment Data Systems (EADS), a group of interrelated computerized data bases that describe multimedia discharges from energy systems and industrial processes. The EADS was designed to aid researchers in environmental assessment, source characterization, and control technology development. The report contains the standard nomenclature or terminology used to describe certain data categories in the waste stream data bases. To selectively retrieve data from the waste stream data bases, consistent terminology must be used if the computer search is to obtain an exact match. The report contains terminology to be used to categorize sources, describe control technology, identify chemical compounds and elements, describe analytical methods in sample analysis, and list other data. The terminology applies to particle, gas, liquid, and solid discharge effluent streams.

17. KEY WORDS AND DOCUMENT ANALYSIS

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Assessments	Stationary Sources	14B
Information Systems	Environmental Assessment Data Systems	09B,05B
Terminology		
Energy Conversion Techniques	EADS	10A
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PREFACE

In the course of fulfilling its charter, EPA performs multimedia environmental assessments of stationary sources of pollution and conducts R&D programs to develop and demonstrate feasible control technology. Such programs generate voluminous data, often according to different reporting protocols and sampling and analysis practices. The Environmental Assessment Data Systems (EADS) have been developed to consolidate the results of these programs and others into one comprehensive information system. The EADS is also designed to provide uniformity in reporting protocols and to supply current information and methods for analyzing data.

The EADS is composed of four waste stream data bases and a number of reference and support data bases. The waste stream data bases include the Fine Particle Emissions Information System (FPEIS), the Gaseous Emissions Data System (GEDS), the Liquid Effluents Data System (LEDS), and the Solid Discharge Data System (SDDS). The FPEIS was the original data base in EADS, having become operational in 1977, and is now a mature system containing data from hundreds of stationary sources and serving the needs of a diverse user community. The GEDS, LEDS, and SDDS were initiated in 1978 and are now operational. The original FPEIS has concurrently been redesigned to conform to the requirements of expanded multimedia testing, although existing data in FPEIS will continue to be available to the user.

A complete set of EADS documentation includes six publications -- one User Guide for each of the four waste stream data bases, a Terminology Reference Manual, and a Systems Overview Manual. This document, the Terminology Reference Manual, provides the tables of standard nomenclature to be used when encoding certain data elements. These standardized terms will provide uniform selection criteria, enabling the users to request computer searches and sorting of data.

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ENVIRONMENTAL ASSESSMENT DATA SYSTEMS: TERMINOLOGY REFERENCE MANUAL

1.0 INTRODUCTION

This report is a general reference manual on the terminology used to enter and retrieve information from the Environmental Assessment Data Systems (EADS), a group of interrelated computerized data bases which describe multimedia discharges from energy systems and industrial processes. The EADS has been designed to aid researchers in environmental assessment, source characterization, and control technology development activities. This report contains the standard nomenclature or terminology used to describe certain data categories in the waste stream data bases. To selectively retrieve data from the waste stream data bases, consistent terminology must be used if the computer search is to obtain an exact match. This report contains terminology to be used to categorize sources, describe control technology, identify chemical compounds and elements, describe analytical methods in sample analysis, and list other data. The terminology will apply to fine particle, gas, liquid, and solid discharge effluent streams.

2.0 STANDARD NOMENCLATURE AND UNITS

The EADS waste stream data bases require standard nomenclature for certain data elements. The use of standard nomenclature enables the users to request computer searches and sorting of data. Computerized information retrieval systems require standard terms for specific data selection to be made. These data are presented in Tables A-1 through A-13, and A-15. Also, the EADS uses SI units, except where noted, and Table A-14 lists the acceptable engineering units to be used in encoding the EADS forms. Also supplied is a conversion table to metric units.

Computers search for and select data by comparing the selected value to a known value. When alphanumeric characters are specified, such as in the name of a control device, the selected value must match the known value exactly. For example, if "ESP" is the standard term, or known value, and a search is made for it, all entries in the data base with the value "ESP" will be selected. However, entries having the value "ELECTROSTATIC PRECIPITATOR" will not be chosen, although it is technically correct. As far as the computer is concerned, the two data are not equal and do not match, and the selection will fail.

Therefore, to ensure that uniform selection criteria are possible, the encoder selects terms from lists of standard nomenclature for certain data elements. Whenever a computer search for data from one of these data elements is requested, it is essential that correct spelling is used, or the request will fail. All entries of standard nomenclature must be left-justified; that is, words must be encoded starting in the left-most column in the data field.

For those data elements whose standard nomenclature is a list of codes which represent words (e.g., the Chemical Analysis codes, or the

U.S. Postal Service codes for state names), note that the code, and not the name, of the data is stored in the data base. Therefore, retrieval or sorting of the data requires that the users specify the code, and not the name, of the data for these data elements. The EDIT Program and other report programs will translate the codes into the appropriate text for output.

After the data are encoded, but before they are loaded into the data base, a program edits the data to ensure correctness. This EDIT program will check the entries for those data elements that require standard nomenclature by matching the entry with the standard list to check for spelling, etc. This procedure will ensure that the data are correctly encoded and that a subsequent computerized data search will be successful. (The reader is referred to the User Guides,* Section 5, for a discussion of the EDIT Program, and to Section 7 for more detail on the other report programs.)

Table 2-1 lists the data elements in the EADS which require the use of standard nomenclature. The encoder must select terms from Tables A-1 through A-13, and Table A-15, whenever these data elements are encoded. In addition, Table A-14 is a list of standard metric engineering units.

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*Environmental Assessment Data Systems User Guides:

1. Reider, J. P., Larkin, R. J., Editors, Fine Particle Emissions Information System User Guide, EPA-600/8-80-007, January 1980.
2. Larkin, R., Editor, Gaseous Emissions Data System User Guide, EPA-600/8-80-006, January 1980.
3. Larkin, R., Editor, Liquid Effluents Data System User Guide, EPA-600/8-80-008, January 1980.
4. Larkin, R., Editor, Solid Discharge Data System User Guide, EPA-600/8-80-009, January 1980.

TABLE 2-1. DATA ELEMENTS REQUIRING STANDARD NOMENCLATURE

	Standard nomenclature found in Table:
Source Description -- Group A, Form 1	
Source category	A-1
Source type	A-1
Product/device type	A-1
Process type	A-1
Feed material category	A-2
State/province/country	A-3
Control Device/Treatment/Storage/Recovery Process -- Group D, Form 2	
Generic device/process type	A-4 (a,b,c)*
Design type	A-4 (a,b,c)*
Specific process/device type	A-4 (a,b,c)*
Device/process class	A-5
Design parameter name and units	A-6 (a,b,c)*
Test Identification -- Group E, Form 3	
Operating parameter name and units	A-6 (a,b,c)*
Fuels and Feedstocks -- Characteristics -- Group F, Form 4	
Analytical method	A-8
Fuels and Feedstocks -- Chemical Analysis -- Group F, Form 5	
Category/species ID	A-7
Analytical method	A-8
Sampling Activity Description -- Group H, Form 6	
Measurement instrument/method	A-9 (a,b,c,d)**
Flowrate measurement method	A-10

*Tables a, b, and c for air (FPEIS and GEDS), liquids (LEDS), and solids (SDDS), respectively.
**Tables a, b, c, and d for FPEIS, GEDS, LEDS, and SDDS, respectively.

TABLE 2-1. Concluded

	Standard nomenclature found in Table:
Effluent Characteristics -- Group K, Form 7	
Analytical method	A-8
Effluent parameter (LEDS only)	A-15
Inorganic Analysis/Non-Level 1 Organic Analysis -- Group L, Form 8	
Category/species ID	A-7
Analytical method	A-8
Level 1 Organic Analysis -- Group M, Form 9	
Category/species ID	A-7
Analytical method	A-8
Radionuclide Data -- Group R, Form 10	
Analytical method	A-8
Bioassay Data -- Group T, Form 11	
Test type	A-11
Test name	A-12
Test organisms/strains	A-13
Engineering Units -- On Forms 1, 2, 4, 5, 6, 7, 8, 9, 10, and 11	A-14

These lists of standard nomenclature are not fixed but are expandable and will likely be expanded on a continuing basis. The encoder may suggest additions to the lists by contacting the EADS Program Manager, who will approve the new term(s) and add them to the list. (See the list of contacts on page vii.) As additional entries are included in the tables of standard nomenclature, this manual will be updated, and revisions will be issued to those with registered documentation.

The EADS User Guides provide detailed instructions for the encoding of the data. The encoding instructions refer the encoder to the appropriate table in this volume (Tables A-1 through A-15) for each data element that requires standard nomenclature. In addition to these data elements, a few others require standard terms, but the encoder must select from only a few words. Thus, these standard terms do not require a complete table, but rather are listed in the encoding instructions for these data elements.

Following is a discussion of the general criteria for using standard nomenclature for each group of data elements.

<u>Source Description -- Group A -- Form 1</u>

The standard nomenclature for the source description data elements is in Table A-1, and is called the EADS Source Classification System. The source is described by four data elements: SOURCE CATEGORY, SOURCE TYPE, PRODUCT/DEVICE TYPE, and PROCESS TYPE. The intent of this type of organization is to be general enough to accommodate most, if not all, sources, but at the same time maintain a flexible mechanism for sorting data by source characteristics. The focus of this classification system is to use familiar terminology to describe the source that will be meaningful to the user. For example, one could use this terminology to

search EADS for all data pertaining to "tangential utility boilers" or data from "high Btu coal gasifiers using the Lurgi process." Furthermore, one could sort data from these sources adding other qualifiers; for example, design process rate or feed material category. Other source classification systems, such as the NEDS Source Classification Codes (SCC), do not have this degree of flexibility. When encoding this information, be certain to spell the words exactly as they are in the tables.

Nomenclature for FEED MATERIAL CATEGORY is shown in Table A-2. The feed material or fuel is classified in a general sense on Form 1, under Source Description. Examples are COAL, WOOD, and METAL ORE. Later, on Forms 4 and 5, the user can provide detailed information on the fuels or feedstocks, including proximate and ultimate analyses, feed rates, and chemical analyses.

The data element for STATE requires use of the standard U.S. Postal Service two-letter abbreviations as given in Table A-3. Also included in the table are the two-letter abbreviations for Canadian provinces which have been adapted for use in the EADS. Table A-3 also lists the standard abbreviations for COUNTRY.

An important feature to note is that the EADS can protect confidential or proprietary source data. Such data elements as SITE NAME, SOURCE NAME, and REFERENCE REPORT TITLE may be coded "CONFIDENTIAL" for any source whose owners wish it to remain anonymous. Other data elements such as STREET/BOX NUMBER, CITY, STATE, ZIP CODE, and other REFERENCE data may be left blank if the encoding group so desires. This feature enables the EADS to store valuable data from sources which would otherwise be

unavailable to the EADS. Neither EPA nor any other user will have any knowledge of the identity of the source.

Control Device/Treatment/Storage/Recovery Process -- Group D -- Form 2

This group of data elements is structured to enable the user to describe control devices and/or treatment, storage, and recovery processes in great detail. In order to allow for maximum sorting and retrieval flexibility, some data elements that describe the device have been assigned standard nomenclature. These data elements are GENERIC DEVICE/PROCESS TYPE, DESIGN TYPE, SPECIFIC PROCESS/DEVICE TYPE, and DEVICE/PROCESS CLASS. The standard nomenclature for these elements is contained in Tables A-4 and A-5. Table A-4 is divided into three sections: a, b, and c for Air, Liquids, and Solids control devices, respectively. Both FPEIS and GEDS use section a, Air.

Specific allowable DESIGN PARAMETER NAME and UNITS nomenclature are given in Tables A-6-a, b, and c (for Air, Liquids, and Solids, respectively). This list is intended to be the minimum information list for each device or process type given. The user may add more parameters to the list subject to approval by the EADS Program Manager.

Test Identification -- Group E -- Form 3

In addition to control device/process design parameters, EADS also has operating parameters that reflect conditions during the test. Standardized data for the OPERATING PARAMETER NAME and UNITS are given in Tables A-6-a, b, and c, the same lists as for DESIGN PARAMETER NAME and UNITS. See the discussion above.

Fuels and Feedstocks -- Chemical Analysis -- Group F -- Form 5

This group of data recognizes the fact that with today's synergistic approaches to assessing environmental impacts and their

control, it is necessary to perform comprehensive material balances on a pollution source. It is not enough to look only at outputs; inputs must be scrutinized also. In addition to an ultimate and proximate analysis of the fuels fed to a process, EADS is designed to accept inorganic and organic chemical data also.

The EADS also provides flexibility for the identification of chemical species. This flexibility is in recognition of the fact that there presently exists a variety of coding systems for identifying chemical species and compounds. The chemical ID used in reporting chemical data is likely to be one with which the user is most familiar, based largely on the nature of the project on which he is working. The EADS enables users to choose between two chemical ID schema when they encode their data. These are the Chemical Abstracts Services (CAS) Registration Numbers,* and the Multimedia Environmental Goals (MEG).** Each scheme has a unique entry code which will identify the type of chemical ID encoded to the EADS. These are given in Table A-7, alphabetically by chemical name.

The chemical data table is in preferred name order. It can be provided to the user in synonym order if required, separate from this Terminology Reference Manual.

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*"Chemical Abstracts -- Chemical Substance Index," American Chemical Society.

**"Multimedia Environmental Goals for Environmental Assessment," EPA No. 600/7-77-136a, November 1977.

While the input protocol requires that a specific chemical ID code be used, most EADS output reports will give the name of the chemical species as well as additional pertinent data, such as empirical formula and any other names commonly used. (The reader is referred to Section 7 of the EADS User Guides regarding the available EADS report software.)

General types of chemical and radiological analytical methods have been identified for the EADS and are listed in Table A-8. For encoding purposes, they are identified by a standard two-character code. As with the chemical ID's, the complete name of the analysis method, and not the two-character code, will be given on output.

Sampling Activity Description -- Group H -- Form 6

The identification of the name of a particular measurement instrument or method requires the use of standard nomenclature for effective sorting or retrieval of emissions data. In Tables A-9-a, b, c, and d, lists of standard names for MEASUREMENT INSTRUMENT/METHOD are provided for the Fine Particles, Gaseous, Liquids, and Solids Data Bases, respectively. Any additional commentary may be given in the COMMENTS section on CARDS H6 through H9.

In the same manner, standard nomenclature is provided for the FLOWRATE MEASUREMENT METHOD. Table A-10 provides this information.

Effluent Characteristics -- Group K -- Form 7

The standard nomenclature for ANALYTICAL METHOD is in Table A-8. (Refer to the previous discussion under Fuels and Feedstocks for further information.)

For the Liquid Effluent Data System (LEDS) only, there are standard terms to be used in encoding the EFFLUENT PARAMETER for conventional

wastewater pollutants. The data for the effluents characteristics are in Table A-15.

Inorganic Analysis/Non-Level 1 Organic Analysis -- Group L -- Form 8

As for Fuels and Feedstocks, the chemical CATEGORY/SPECIES ID and the ANALYTICAL METHOD require standard terms. These are in Tables A-7 and A-8, respectively.

Level 1 Organic Analysis -- Group M -- Form 9

The standard nomenclature lists for CATEGORY/SPECIES ID and ANALYTICAL METHOD are in Tables A-7 and A-8, respectively. (See the discussion under Fuels and Feedstocks for further information.)

Radionuclide Data -- Group R -- Form 10

As for Fuels and Feedstocks, the standard terms for ANALYTICAL METHOD are in Table A-8.

Bioassay Data -- Group T -- Form 11

Standard nomenclature is an essential part of the bioassay reporting protocol so that data can be reliably retrieved and sorted. The data elements requiring nomenclature are TEST TYPE (Table A-11), TEST NAME (Table A-12), and TEST ORGANISMS/STRAINS (Table A-13). Depending on the assay, the data element TYPE OF VALUE may include the following, among others:

LD50

EC50

LC50

The LEVEL OF TOXICITY is a qualitative expression of the bioassay results based upon a predefined range in LD50, EC50, or LC50, etc. The results must be given as one of the following:

HIGH

MODERATE

LOW

NOT DETECTABLE

For the Ames test, POSITIVE or NEGATIVE is the acceptable data for BACTERIA MUTAGENICITY RESPONSE. A more detailed description of bioassay data elements can be found in Section 3 of each User Guide.

Engineering Units -- On Forms 1, 2, 4, 5, 6, 7, 8, 9, 10, and 11

The EADS uses metric units exclusively. While every attempt has been made to use SI (International System of Units) protocol, some data elements are expressed in the metric equivalent of a more common English unit. This is consistent with EPA policy regarding the use of metric units.

Table A-14 lists the accepted engineering units to be used in encoding the EADS data forms, and a table of conversion factors to metric units. The table lists base units and SI prefixes, and then examples of derived units. The encoder may combine the base units and prefixes to form the appropriate units.

When the user encodes the units in which the data are to be expressed, the terms for the units must be taken from Table A-14. An example is the data element SAMPLE TOTAL MASS and the corresponding element MASS UNITS (on Form 6). The user encodes the mass value, and chooses the appropriate units from Table A-14 (e.g., KG, MG, or UG).

Note that since the computer does not recognize Greek letters, the symbol μ for micro cannot be used. Instead, the EADS will use the letter "U" for micro; therefore micrograms are encoded UG in the data bases. Other special symbols will be reported in Table A-14.

For some data elements, the units are predefined, and the user encodes the number value only. For example, the units for stream temperature are assumed to be degrees Celsius, and the user encodes only an integer number. These cases are clearly indicated in the detailed encoding instructions in Section 4 of the EADS User Guides, which discuss each data element individually.

APPENDIX A

TABLES OF STANDARD NOMENCLATURE

TABLE A-1. SOURCE DESCRIPTION

ENVIRONMENTAL ASSESSMENT DATA SYSTEMS

SOURCE CLASSIFICATION SYSTEMS

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SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
AGRICHEMICALS	FERTILIZERS	AMMONIUM NITRATE	PRILLING PROCESS
AGRICHEMICALS	FERTILIZERS	DIAMMON PHOSPHATE	FROM AMMONIA
AGRICHEMICALS	FERTILIZERS	MIXED FERTILIZER	BLENDING
AGRICHEMICALS	FERTILIZERS	NOR SUPERPHOSPHATE	BATCH PROCESS
AGRICHEMICALS	FERTILIZERS	NOR SUPERPHOSPHATE	CONTINUOUS PROCESS
AGRICHEMICALS	FERTILIZERS	TRI SUPERPHOSPHATE	DORR-OLIVER PROCESS
AGRICHEMICALS	FERTILIZERS	TRI SUPERPHOSPHATE	TVA GRANULAR PROCESS
AGRICHEMICALS	FERTILIZERS	UREA	FROM AMMONIA + CO2
AGRICHEMICALS	FUNGICIDES	CAPTAN	FROM MALEIC ANHYDRID
AGRICHEMICALS	INSECTICIDES	MALATHION	FROM ETHYL MALEATE
AGRICHEMICALS	INSECTICIDES	TOXAPHENE	CHLORINATION
CHEMICAL MANUFAC	ALCOHOLS	ETHANOL	ETHYLENE CAT HYDRATN
CHEMICAL MANUFAC	ALCOHOLS	ETHANOL	FERMENTATION
CHEMICAL MANUFAC	ALCOHOLS	METHANOL	FROM CO AND HYDROGEN
CHEMICAL MANUFAC	ALDEHYDES/KETONES	ACETALDEHYDE	ACETYLENE HYDRATION
CHEMICAL MANUFAC	ALDEHYDES/KETONES	ACETALDEHYDE	FROM ETHANOL
CHEMICAL MANUFAC	ALDEHYDES/KETONES	ACETALDEHYDE	FROM LOWER PARAFFINS
CHEMICAL MANUFAC	ALDEHYDES/KETONES	ACETALDEHYDE	WACKER PROCESS
CHEMICAL MANUFAC	ALDEHYDES/KETONES	ACETONE	BY-PRODUCT PHENOL
CHEMICAL MANUFAC	ALDEHYDES/KETONES	ACETONE	FROM ISOPROPANOL
CHEMICAL MANUFAC	ALDEHYDES/KETONES	FORMALDEHYDE	FROM METHANOL
CHEMICAL MANUFAC	ALDEHYDES/KETONES	FORMALDEHYDE	FROM NATURAL GAS
CHEMICAL MANUFAC	ALDEHYDES/KETONES	METHYL ETHYL KETON	FROM SEC-BUTANOL
CHEMICAL MANUFAC	ALDEHYDES/KETONES	MIBK	FROM ACETONE
CHEMICAL MANUFAC	CHLOR-ALKALI IND	CHLORINE + CAUSTIC	DIAPHRAGM CELL
CHEMICAL MANUFAC	CHLOR-ALKALI IND	CHLORINE + CAUSTIC	MERCURY CELL

SOURCE CLASSIFICATION SYSTEMS
04/16/80

SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
CHEMICAL MANUFAC	CLEANING CHEMICALS	SOAP	BATCH PROCESS
CHEMICAL MANUFAC	CLEANING CHEMICALS	SOAP	CONTINUOUS PROCESS
CHEMICAL MANUFAC	CLEANING CHEMICALS	SYNTHET DETERGENTS	MANUFACTURE
CHEMICAL MANUFAC	DYES	ACID DYES	ACID RED 38 PROCESS
CHEMICAL MANUFAC	DYES	ACID DYES	ACID YELLOW 36 PROC
CHEMICAL MANUFAC	DYES	ACID DYES	VAT BLUE 36 PROCESS
CHEMICAL MANUFAC	DYES	DISPERSE DYES	DISPERSE RED 1 PROC
CHEMICAL MANUFAC	DYES	MORDANT DYES	MORDANT RED 11 PROC
CHEMICAL MANUFAC	EXPLOSIVES	AMMONIUM NITRATE	PRILLING PROCESS
CHEMICAL MANUFAC	EXPLOSIVES	TNT	NITRATION
CHEMICAL MANUFAC	FIBERS & PLASTICS	FIBERGLASS	ELECTRIC INDUCTION
CHEMICAL MANUFAC	FIBERS & PLASTICS	FIBERGLASS	REVERB FNC RECUP
CHEMICAL MANUFAC	FIBERS & PLASTICS	FIBERGLASS	REVERB FNC REGEN
CHEMICAL MANUFAC	FIBERS & PLASTICS	NYLON	NYLON 6 PROCESS
CHEMICAL MANUFAC	FIBERS & PLASTICS	NYLON	NYLON 66 PROCESS
CHEMICAL MANUFAC	FIBERS & PLASTICS	PET	DUPONT DACRON PROCES
CHEMICAL MANUFAC	FIBERS & PLASTICS	POLYACRYLONITRILE	DUPONT ORLON PROCESS
CHEMICAL MANUFAC	FIBERS & PLASTICS	POLYETHYLENE	PHILLIPS PROCESS
CHEMICAL MANUFAC	FIBERS & PLASTICS	POLYETHYLENE	STANDARD OIL PROCESS
CHEMICAL MANUFAC	FIBERS & PLASTICS	POLYETHYLENE	ZIEGLER PROCESS
CHEMICAL MANUFAC	FIBERS & PLASTICS	POLYPROPYLENE	POLYMERIZATION
CHEMICAL MANUFAC	FIBERS & PLASTICS	POLYVINYL CHLORIDE	POLYMERIZATION
CHEMICAL MANUFAC	FIBERS & PLASTICS	TEFLON	POLYMERIZATION
CHEMICAL MANUFAC	GLYCOLS & OXIDES	ETHYLENE GLYCOL	FROM ETHYLENE OXIDE
CHEMICAL MANUFAC	GLYCOLS & OXIDES	ETHYLENE GLYCOL	FROM FORMALDEHYDE
CHEMICAL MANUFAC	GLYCOLS & OXIDES	ETHYLENE OXIDE	CHLOROHYDRIN PROC

SOURCE CLASSIFICATION SYSTEMS
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SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
CHEMICAL MANUFAC	GLYCOLS & OXIDES	ETHYLENE OXIDE	DIRECT OXIDATION
CHEMICAL MANUFAC	GLYCOLS & OXIDES	ETHYLENE OXIDE	ETHYLENE CAT OXIDTN
CHEMICAL MANUFAC	GUM & WOOD	OILS	EXTRACTION/FRACTION
CHEMICAL MANUFAC	INDUSTRIAL CARBON	CARBON BLACK	GAS FURNACE PROCESS
CHEMICAL MANUFAC	INDUSTRIAL CARBON	CARBON BLACK	OIL FURNACE PROCESS
CHEMICAL MANUFAC	INDUSTRIAL CARBON	CARBON BLACK	THERMAL PROCESS
CHEMICAL MANUFAC	INDUSTRIAL CARBON	CHARCOAL	KILN
CHEMICAL MANUFAC	INDUSTRIAL CARBON	CHARCOAL	RETORT
CHEMICAL MANUFAC	INDUSTRIAL GASES	ACETYLENE	FROM CAL CARBIDE
CHEMICAL MANUFAC	INDUSTRIAL GASES	ACETYLENE	HYDROCARBON CRACKING
CHEMICAL MANUFAC	INDUSTRIAL GASES	ARGON	AIR FRACT DIST
CHEMICAL MANUFAC	INDUSTRIAL GASES	HELIUM	FROM NATURAL GAS
CHEMICAL MANUFAC	INDUSTRIAL GASES	HYDROGEN	ELECTROLYSIS
CHEMICAL MANUFAC	INDUSTRIAL GASES	HYDROGEN	PART OXIDATION PROC
CHEMICAL MANUFAC	INDUSTRIAL GASES	HYDROGEN	STEAM REFORMER PROC
CHEMICAL MANUFAC	INDUSTRIAL GASES	NITROGEN	AIR FRACT DIST
CHEMICAL MANUFAC	INDUSTRIAL GASES	OXYGEN	AIR FRACT DIST
CHEMICAL MANUFAC	INORGANIC ACIDS	BORIC ACID	BORAX + SULFURIC
CHEMICAL MANUFAC	INORGANIC ACIDS	HYDROCHLORIC ACID	BY-PRODUCT
CHEMICAL MANUFAC	INORGANIC ACIDS	HYDROCHLORIC ACID	CHLORINE + HYDROGEN
CHEMICAL MANUFAC	INORGANIC ACIDS	HYDROCHLORIC ACID	SALT
CHEMICAL MANUFAC	INORGANIC ACIDS	HYDROFLUORIC ACID	FLUORSPAR + SULFURIC
CHEMICAL MANUFAC	INORGANIC ACIDS	NITRIC ACID	AMMONIA OXIDATION
CHEMICAL MANUFAC	INORGANIC ACIDS	NITRIC ACID	NITRIC ACID CONC
CHEMICAL MANUFAC	INORGANIC ACIDS	PHOSPHORIC ACID	FROM PHOSPHORUS
CHEMICAL MANUFAC	INORGANIC ACIDS	PHOSPHORIC ACID	WET PROCESS
CHEMICAL MANUFAC	INORGANIC ACIDS	SULFURIC ACID	CHAMBER PROCESS
CHEMICAL MANUFAC	INORGANIC ACIDS	SULFURIC ACID	CONTACT PROCESS

SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
CHEMICAL MANUFAC	MISC INORGANIC CMPD	CALCIUM CARBIDE	ELECTRIC FURNACE
CHEMICAL MANUFAC	MISC INORGANIC CMPD	POTASSIUM CHLORIDE	NATURAL
CHEMICAL MANUFAC	MISC INORGANIC CMPD	SULFUR	FRASCH PROCESS
CHEMICAL MANUFAC	MISC INORGANIC CMPD	SULFUR	FROM HYDROGEN SULFID
CHEMICAL MANUFAC	MISC INORGANIC CMPD	SULFUR	FROM SULFUR DIOXIDE
CHEMICAL MANUFAC	ORG ACIDS/ANHYDRID	ACETIC ACID	FROM ACETALDEHYDE
CHEMICAL MANUFAC	ORG ACIDS/ANHYDRID	ADIPIC ACID	FROM CYCLOHEXANE
CHEMICAL MANUFAC	ORG ACIDS/ANHYDRID	PHTHALIC ANHYDRIDE	FROM NAPHTHALENE
CHEMICAL MANUFAC	ORG ACIDS/ANHYDRID	PHTHALIC ANHYDRIDE	FROM O-XYLENE
CHEMICAL MANUFAC	ORG NITROGEN CMPD	ACRYLONITRILE	SOHIO PROCESS
CHEMICAL MANUFAC	ORG NITROGEN CMPD	ANILINE	FROM CHLOROBENZENE
CHEMICAL MANUFAC	ORG NITROGEN CMPD	ANILINE	NITROBENZENE HYDROGN
CHEMICAL MANUFAC	ORG NITROGEN CMPD	ANILINE	NITROBENZENE REDUCTN
CHEMICAL MANUFAC	ORGANIC HALOGENS	ETHYLENE DICHLORID	BY-PRODUCT
CHEMICAL MANUFAC	ORGANIC HALOGENS	ETHYLENE DICHLORID	ETHYLENE CHLORINATN
CHEMICAL MANUFAC	ORGANIC HALOGENS	PCB	CHLORINATION
CHEMICAL MANUFAC	ORGANIC HALOGENS	VINYL CHLORIDE	CRACK ETH DICHLORIDE
CHEMICAL MANUFAC	ORGANIC HALOGENS	VINYL CHLORIDE	FROM ACETYLENE
CHEMICAL MANUFAC	PHARMACEUTICALS	ASPIRIN	FROM SALICYCLIC ACID
CHEMICAL MANUFAC	PHARMACEUTICALS	NOT SPECIFIED	NOT SPECIFIED
CHEMICAL MANUFAC	PHARMACEUTICALS	PENICILLIN	FERMENTATION PROC
CHEMICAL MANUFAC	PHENOLS	PHENOL	CHLOROBENZENE PROC
CHEMICAL MANUFAC	PHENOLS	PHENOL	CUMENE PROCESS
CHEMICAL MANUFAC	PHENOLS	PHENOL	DOW PROCESS
CHEMICAL MANUFAC	PHENOLS	PHENOL	RASCHIG PROCESS
CHEMICAL MANUFAC	PHENOLS	PHENOL	SULFONATION PROCESS

SOURCE CLASSIFICATION SYSTEMS
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SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
CHEMICAL MANUFAC	RUBBER	CHLOROPRENE	POLYMERIZATION PROC
CHEMICAL MANUFAC	RUBBER	NATURAL RUBBER	COAGULATION
CHEMICAL MANUFAC	RUBBER	NATURAL RUBBER	COMPOUNDING
CHEMICAL MANUFAC	RUBBER	OTHER SYNTHETIC	POLYMERIZATION PROC
CHEMICAL MANUFAC	RUBBER	STYRENE BUTADIENE	POLYMERIZATION PROC
CHEMICAL MANUFAC	SODIUM COMPOUNDS	SODIUM BICARBONATE	FROM SOD CARBONATE
CHEMICAL MANUFAC	SODIUM COMPOUNDS	SODIUM CARBONATE	NATURAL
CHEMICAL MANUFAC	SODIUM COMPOUNDS	SODIUM CARBONATE	SOLVAY PROCESS
CHEMICAL MANUFAC	SODIUM COMPOUNDS	SODIUM SULFATE	FROM SALT & SULFURIC
CHEMICAL MANUFAC	SODIUM COMPOUNDS	SODIUM SULFATE	NATURAL
CHEMICAL MANUFAC	SODIUM COMPOUNDS	SODIUM SULFATE	RAYON BY-PRODUCT
CHEMICAL MANUFAC	SODIUM COMPOUNDS	SODIUM SULFITE	BY-PRODUCT
CHEMICAL MANUFAC	SODIUM COMPOUNDS	SODIUM SULFITE	FROM SODA ASH
CHEMICAL MANUFAC	SURFACE COATING	LACQUERS	MANUFACTURE
CHEMICAL MANUFAC	SURFACE COATING	PAINTS	LATEX PAINT MFG
CHEMICAL MANUFAC	SURFACE COATING	PAINTS	OIL PAINT MFG
CHEMICAL MANUFAC	SURFACE COATING	PIGMENTS	INORG PIGMENT PROD
CHEMICAL MANUFAC	SURFACE COATING	PIGMENTS	ORG PIGMENT PROD
CHEMICAL MANUFAC	SURFACE COATING	PRINTING INKS	MANUFACTURE
CHEMICAL MANUFAC	SURFACE COATING	VARNISHS	MANUFACTURE
COMBUST-ENERGY	COMMERCIAL-INST	BOILER	STOKER
COMBUST-ENERGY	COMMERCIAL-INST	BOILER	WALL FIRED
COMBUST-ENERGY	COMMERCIAL-INST	INTERNAL COMBUST	RECIPROCATING ENGINE
COMBUST-ENERGY	GOVERNMENT	INTERNAL COMBUST	RECIPROCATING ENGINE
COMBUST-ENERGY	INDUSTRIAL	BOILER	CYCLONE
COMBUST-ENERGY	INDUSTRIAL	BOILER	FIRETUBE

SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
COMBUST-ENERGY	INDUSTRIAL	BOILER	HORIZ OPPOSED WALL
COMBUST-ENERGY	INDUSTRIAL	BOILER	SINGLE WALL
COMBUST-ENERGY	INDUSTRIAL	BOILER	STOKER
COMBUST-ENERGY	INDUSTRIAL	BOILER	TANGENTIAL
COMBUST-ENERGY	INDUSTRIAL	BOILER	VERTICAL
COMBUST-ENERGY	INDUSTRIAL	INTERNAL COMBUST	COMBINED CYCLE TURB
COMBUST-ENERGY	INDUSTRIAL	INTERNAL COMBUST	RECIPROCATING ENGINE
COMBUST-ENERGY	INDUSTRIAL	INTERNAL COMBUST	REGEN CYCLE TURBINE
COMBUST-ENERGY	INDUSTRIAL	INTERNAL COMBUST	SIMPLE CYCLE TURBINE
COMBUST-ENERGY	RESIDENTAL	FURNACE	SINGLE BURNER
COMBUST-ENERGY	UTILITY	BOILER	CYCLONE
COMBUST-ENERGY	UTILITY	BOILER	HORIZ OPPOSED WALL
COMBUST-ENERGY	UTILITY	BOILER	SINGLE WALL
COMBUST-ENERGY	UTILITY	BOILER	STOKER
COMBUST-ENERGY	UTILITY	BOILER	TANGENTIAL
COMBUST-ENERGY	UTILITY	BOILER	VERTICAL
COMBUST-ENERGY	UTILITY	INTERNAL COMBUST	COMBINED CYCLE TURB
COMBUST-ENERGY	UTILITY	INTERNAL COMBUST	RECIPROCATING ENGINE
COMBUST-ENERGY	UTILITY	INTERNAL COMBUST	REGEN CYCLE TURBINE
COMBUST-ENERGY	UTILITY	INTERNAL COMBUST	REPOWERING TURBINE
COMBUST-ENERGY	UTILITY	INTERNAL COMBUST	SIMPLE CYCLE TURBINE
CONSUMER PRODUCTS	LAUNDRIES	AUTOMOBILES	ROLLOVER
CONSUMER PRODUCTS	LAUNDRIES	AUTOMOBILES	TUNNEL
CONSUMER PRODUCTS	LAUNDRIES	AUTOMOBILES	WAND
CONSUMER PRODUCTS	LAUNDRIES	OTHER	COMMERCIAL
CONSUMER PRODUCTS	LAUNDRIES	OTHER	INDUSTRIAL
CONSUMER PRODUCTS	LAUNDRIES	OTHER	TUNNEL
CONSUMER PRODUCTS	LEATHER	CURED LEATHER GOODS	FINISHING
CONSUMER PRODUCTS	LEATHER	CURED LEATHER GOODS	TANNING
CONSUMER PRODUCTS	METAL	APPLIANCES	ROLLING
CONSUMER PRODUCTS	METAL	APPLIANCES	STAMPING
CONSUMER PRODUCTS	METAL	APPLIANCES	SURFACE COATING
CONSUMER PRODUCTS	METAL	AUTOMOBILES	CASTING

SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
CONSUMER PRODUCTS	METAL	AUTOMOBILES	STAMPING
CONSUMER PRODUCTS	METAL	AUTOMOBILES	SURFACE COATING
CONSUMER PRODUCTS	METAL	CANS	ROLLING
CONSUMER PRODUCTS	METAL	CANS	SURFACE COATING
CONSUMER PRODUCTS	PETROLEUM PROD	GASOLINE	AUTO FILLING
CONSUMER PRODUCTS	PETROLEUM PROD	GASOLINE	DISTRIBUTION
CONSUMER PRODUCTS	PETROLEUM PROD	KEROSENE	DISTRIBUTION
CONSUMER PRODUCTS	PLASTICS	ADHESIVE TAPE	COATING
CONSUMER PRODUCTS	PLASTICS	ADHESIVE TAPE	PACKAGING
CONSUMER PRODUCTS	PLASTICS	ADHESIVE TAPE	SLITTING
CONSUMER PRODUCTS	PLASTICS	BOTTLES	MOLDING
CONSUMER PRODUCTS	RUBBER PROD	TIRES	COATING
CONSUMER PRODUCTS	RUBBER PROD	TIRES	EXTRUDING
CONSUMER PRODUCTS	RUBBER PROD	TIRES	MOLDING
CONSUMER PRODUCTS	TEXTILES	BLENDED FABRIC	DYEING
CONSUMER PRODUCTS	TEXTILES	BLENDED FABRIC	FINISHING
CONSUMER PRODUCTS	TEXTILES	COTTON FABRIC	DYEING
CONSUMER PRODUCTS	TEXTILES	COTTON FABRIC	FINISHING
CONSUMER PRODUCTS	TEXTILES	COTTON FABRIC	WEAVING
CONSUMER PRODUCTS	TEXTILES	POLYESTER FABRIC	DYEING
CONSUMER PRODUCTS	TEXTILES	POLYESTER FABRIC	FINISHING
CONSUMER PRODUCTS	TEXTILES	POLYESTER FABRIC	WEAVING
CONSUMER PRODUCTS	TEXTILES	WOOL	FINISHING
CONSUMER PRODUCTS	TEXTILES	WOOL	NOT SPECIFIED
CONSUMER PRODUCTS	WOOD PROD	FURNITURE	FABRICATION
CONSUMER PRODUCTS	WOOD PROD	FURNITURE	FINISHING
ENERGY RECOVERY	SOLID WASTE	STEAM	WATERWALL COMBUSTION

SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
FOOD INDUSTRY	AGRICULTURAL	COFFEE	INSTANT PROCESSING
FOOD INDUSTRY	AGRICULTURAL	COFFEE	REGULAR PROCESSING
FOOD INDUSTRY	AGRICULTURAL	GRAIN	PROCESSING
FOOD INDUSTRY	AGRICULTURAL	GRAIN	STARCH MFG
FOOD INDUSTRY	AGRICULTURAL	PEANUT	PROCESSING
FOOD INDUSTRY	AGRICULTURAL	RICE	PROCESSING
FOOD INDUSTRY	AGRICULTURAL	SUGAR	SUGAR BEET PROCESSIN
FOOD INDUSTRY	AGRICULTURAL	SUGAR	SUGAR CANE PROCESSIN
FOOD INDUSTRY	ANIMAL	MEAT & POULTRY	DEEP FAT FRYING
FOOD INDUSTRY	ANIMAL	MEAT & POULTRY	PROCESSING
FOOD INDUSTRY	ANIMAL	MEAT & POULTRY	SLAUGHTERING
FOOD INDUSTRY	ANIMAL	MEAT & POULTRY	SMOKEHOUSES
FUEL CLEANING	CARBONIZTN/PYROLYSIS	ENTRAINED/FLUID CARB	PARRY PROCESS
FUEL CLEANING	CARBONIZTN/PYROLYSIS	HORIZONTAL RETORTS	NOT SPECIFIED
FUEL CLEANING	CARBONIZTN/PYROLYSIS	VERTICAL RETORTS	BRENNSTOFF-TECHNAK
FUEL CLEANING	CARBONIZTN/PYROLYSIS	VERTICAL RETORTS	CARMAUX OVEN
FUEL CLEANING	CARBONIZTN/PYROLYSIS	VERTICAL RETORTS	CELLON JONES OVEN
FUEL CLEANING	CARBONIZTN/PYROLYSIS	VERTICAL RETORTS	KOPPERS CONTINUOUS
FUEL CLEANING	CARBONIZTN/PYROLYSIS	VERTICAL RETORTS	KRUPP-LURGI PROCESS
FUEL CLEANING	CARBONIZTN/PYROLYSIS	VERTICAL RETORTS	OTTO RETORT
FUEL CLEANING	CARBONIZTN/PYROLYSIS	VERTICAL RETORTS	PARKER RETORT
FUEL CLEANING	CARBONIZTN/PYROLYSIS	VERTICAL RETORTS	PHURNACITE PROCESS
FUEL CLEANING	CARBONIZTN/PYROLYSIS	VERTICAL RETORTS	REXCO PROCESS
FUEL CLEANING	CARBONIZTN/PYROLYSIS	VERTICAL RETORTS	WEBER PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	ABSORBER AMINE PROC
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	ADIP
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	ALKACID PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	AMISOL PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	AQUEOUS AMINE
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	BENFIELD PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	CARL STILL PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	CATACARB PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	CAUSTIC SODA
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	DEA PROCESS

SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	DGA PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	DIPA PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	DIRECT AMMONIA REMOV
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	ESTASOLVAN PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	FLUOR ECONAMINE
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	FLUOR SOLVENT PROC
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	F-S PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	GIRBOTOL PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	GLYCOL-AMINE PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	H2S ADSORPTION
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	INDIRECT AMMONIA REM
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	LIME SLURRY PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	MDEA PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	MEA PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	ORGANIC SOLVANTS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	PERMANGANATE/DICHROM
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	PURISOL PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	PYRIDINE PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	RECTISOL PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	REFRIGERATION PROC
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	SEABOARD GAS PURIF
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	SELEXOL PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	SNPA-DEA
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	SULFIBAN PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	SULFINOL PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	TRIPOTASSIUM PHOSPH
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	USS PHOSAM
FUEL CLEANING	FUEL GAS TREATMENT	ABSORPTION	VACUUM CARBONATE
FUEL CLEANING	FUEL GAS TREATMENT	ADSORPTION	CBA
FUEL CLEANING	FUEL GAS TREATMENT	ADSORPTION	HAINES
FUEL CLEANING	FUEL GAS TREATMENT	ADSORPTION	MOLEC SIEVE/LIQ ADS
FUEL CLEANING	FUEL GAS TREATMENT	ADSORPTION	ZINC OXIDE ADS
FUEL CLEANING	FUEL GAS TREATMENT	CATALYTIC CONVERSION	BRITISH GAS COUNCIL
FUEL CLEANING	FUEL GAS TREATMENT	CATALYTIC CONVERSION	CARPENTER-EVANS
FUEL CLEANING	FUEL GAS TREATMENT	CATALYTIC CONVERSION	HOLMES-MAXTED
FUEL CLEANING	FUEL GAS TREATMENT	CATALYTIC CONVERSION	MODIF HOLMES-MAXTED
FUEL CLEANING	FUEL GAS TREATMENT	CATALYTIC CONVERSION	ORGANIC SULFUR REMOV
FUEL CLEANING	FUEL GAS TREATMENT	CATALYTIC CONVERSION	PEOPLES GAS CO PROC
FUEL CLEANING	FUEL GAS TREATMENT	DRY OXIDATION	ACTIV CARBON PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	DRY OXIDATION	APPLYBY-FRODINGHAM
FUEL CLEANING	FUEL GAS TREATMENT	DRY OXIDATION	CONV-BOX FE203 PURIF
FUEL CLEANING	FUEL GAS TREATMENT	DRY OXIDATION	FE203 DEEP-BOX PURIF
FUEL CLEANING	FUEL GAS TREATMENT	DRY OXIDATION	GASTECHNIK PURIF
FUEL CLEANING	FUEL GAS TREATMENT	DRY OXIDATION	HI PRES FE203 PURIF
FUEL CLEANING	FUEL GAS TREATMENT	DRY OXIDATION	KATASULF PROCESS

SOURCE CLASSIFICATION SYSTEMS
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SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	DRY OXIDATION	NOR THAMES GAS BOARD
FUEL CLEANING	FUEL GAS TREATMENT	DRY OXIDATION	SODA-IRON PROCESS
FUEL CLEANING	FUEL GAS TREATMENT	DRY OXIDATION	SPLIT-STREAM KATASUL
FUEL CLEANING	FUEL GAS TREATMENT	DRY OXIDATION	TOWER PURIFIERS
FUEL CLEANING	FUEL GAS TREATMENT	LIQUID PHASE OXIDATN	AUTO PURIFICATION
FUEL CLEANING	FUEL GAS TREATMENT	LIQUID PHASE OXIDATN	FISCHER
FUEL CLEANING	FUEL GAS TREATMENT	LIQUID PHASE OXIDATN	GIAMMARCO VETROCOKE
FUEL CLEANING	FUEL GAS TREATMENT	LIQUID PHASE OXIDATN	GLUUD COMBINATION
FUEL CLEANING	FUEL GAS TREATMENT	LIQUID PHASE OXIDATN	KOPPERS C A S
FUEL CLEANING	FUEL GAS TREATMENT	LIQUID PHASE OXIDATN	LACEY-KELLER
FUEL CLEANING	FUEL GAS TREATMENT	LIQUID PHASE OXIDATN	MANCHESTER
FUEL CLEANING	FUEL GAS TREATMENT	LIQUID PHASE OXIDATN	MODIFIED THYLOX
FUEL CLEANING	FUEL GAS TREATMENT	LIQUID PHASE OXIDATN	PEROX
FUEL CLEANING	FUEL GAS TREATMENT	LIQUID PHASE OXIDATN	STRETFORD
FUEL CLEANING	FUEL GAS TREATMENT	LIQUID PHASE OXIDATN	TAKAHAX
FUEL CLEANING	FUEL GAS TREATMENT	LIQUID PHASE OXIDATN	THYLOX
FUEL CLEANING	FUEL GAS TREATMENT	LIQUID PHASE OXIDATN	TOWNSEND
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	ATLANTIC UNISOL
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	CATALYTIC DEMETALIZE
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	COOPER SWEETENING
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	DISTILLATE TREATING
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	DUALAYER DISTIL PROC
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	ELECTRIC DISTIL TREA
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	GRAY DESULFUR PROC
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	INHIBITOR SWEETENING
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	MERCAPSOL PROCESS
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	MERCAPTAN OXIDATION
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	MERIFINING
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	MEROX
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	PERCO CATALYTIC
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	POLYSULFIDE S REMOV
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	REGEN CAUSTIC PROC
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	SELECT OXI & EXTRACT
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	SOLUTIZER
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	SO2 EXTRACTION
FUEL CLEANING	LIQUID FUELS TREATMT	CHEMICAL TREATMENT	SULFINING
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	AUTOFINING
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	BENDER SWEETENING
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	DISTILLATE HDS
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	DPG HYDROTREATING
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	DROP DEASPHALT&FRACT
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	FUEL HDS
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	GO-FINING/RESID FIN
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	GULFINING

SOURCE CLASSIFICATION SYSTEMS

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SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	HDS
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	HPN
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	HYDROCRACKING
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	HYDROFINING
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	H-OIL
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	ISOCRACKING
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	LC-FINING
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	LOCAP
FUEL CLEANING	LIQUID FUELS' TREATMT	HYDROTREATING	MERCAPFINING
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	PGO HYDROTREATING
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	PYROL DIST HYDROG
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	RCD UNIBON
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	RDS&VRDS HYDROTREAT
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	RESID HDS
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	RESID HYDROPROCESS
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	RESIDUAL OIL HDS
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	RESIDUE DESULFUR
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	TRICKLE FLOW HDS
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	ULTRAFINING
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	ULTRASWEETENING
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	UNICRACKING/HDS
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	UNIONFINING
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	VAPOR PHASE HDS
FUEL CLEANING	LIQUID FUELS TREATMT	HYDROTREATING	VGO&DAO HYDROTREAT
FUEL CLEANING	LIQUID FUELS TREATMT	PHYSICAL CHEM METHOD	CRUDE FUEL STRIPPING
FUEL CLEANING	LIQUID FUELS TREATMT	PHYSICAL CHEM METHOD	DEMEX
FUEL CLEANING	LIQUID FUELS TREATMT	PHYSICAL CHEM METHOD	MOLEC SIEV DRY&SWEET
FUEL CLEANING	LIQUID FUELS TREATMT	PHYSICAL CHEM METHOD	SOLVENT DEASPHALTING
FUEL CLEANING	PHYSICAL SEPARATION	CENTRIF SEPARATORS	COAL CLEANING CYCLON
FUEL CLEANING	PHYSICAL SEPARATION	CENTRIF SEPARATORS	HEAVY MEDIA CYCLOID
FUEL CLEANING	PHYSICAL SEPARATION	CENTRIF SEPARATORS	HYDROCYCLONE
FUEL CLEANING	PHYSICAL SEPARATION	CENTRIF SEPARATORS	WHIRLPOOL VESSEL
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	AM CYANAMID HMS
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	BARVOYS VESSEL
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	CA CHLORIDE WASHER
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	CHANCE SAND CONE
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	CONE SEPARATOR
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	DENSE MEDIA BATH
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	DENSE MEDIA VESSEL
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	DRUM SEPARATOR
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	HEAVY MEDIA WASH BOX
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	HI-GRAD MED COAL WAS
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	OCC VESSEL
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	PRECISION COAL WASH

SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	SPIRAL CLASSIFIER
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	STATIC BATH
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	SUBMERGED FEED PROC
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	TANK TYPE SEPARATOR
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	TESKA VESSEL
FUEL CLEANING	PHYSICAL SEPARATION	DENSE MEDIA SEPARATN	THROUGH-TYPE VESSEL
FUEL CLEANING	PHYSICAL SEPARATION	FROTH FLOTATION	AGITAIR FLOTATN MACH
FUEL CLEANING	PHYSICAL SEPARATION	FROTH FLOTATION	DENVER CELL
FUEL CLEANING	PHYSICAL SEPARATION	FROTH FLOTATION	D-R FLOTATION MACH
FUEL CLEANING	PHYSICAL SEPARATION	FROTH FLOTATION	H&P CYCLO-CELL
FUEL CLEANING	PHYSICAL SEPARATION	FROTH FLOTATION	WEMCO 1+1 CELLS
FUEL CLEANING	PHYSICAL SEPARATION	JIGS	AIR OPERATED JIG
FUEL CLEANING	PHYSICAL SEPARATION	JIGS	AIR PULSATE WASH BOX
FUEL CLEANING	PHYSICAL SEPARATION	JIGS	BATAC JIG
FUEL CLEANING	PHYSICAL SEPARATION	JIGS	DIAPHRAGM JIG
FUEL CLEANING	PHYSICAL SEPARATION	JIGS	FINE COAL JIG
FUEL CLEANING	PHYSICAL SEPARATION	JIGS	FINE COAL WASHER
FUEL CLEANING	PHYSICAL SEPARATION	JIGS	MOGUL WASHER
FUEL CLEANING	PHYSICAL SEPARATION	JIGS	NORTON STAND WASHER
FUEL CLEANING	PHYSICAL SEPARATION	JIGS	PLUNGER JIG
FUEL CLEANING	PHYSICAL SEPARATION	JIGS	READING JIG
FUEL CLEANING	PHYSICAL SEPARATION	JIGS	TACUB JIG
FUEL CLEANING	PHYSICAL SEPARATION	JIGS	VISSAC JIG
FUEL CLEANING	PHYSICAL SEPARATION	JIGS	WILMOT SIMPLEX PAN
FUEL CLEANING	PHYSICAL SEPARATION	LAUNDERS	BATELLE WASHER
FUEL CLEANING	PHYSICAL SEPARATION	LAUNDERS	CANNON CONCENTRATOR
FUEL CLEANING	PHYSICAL SEPARATION	LAUNDERS	CONE HYDROSEPARATOR
FUEL CLEANING	PHYSICAL SEPARATION	LAUNDERS	FREE DISCH RHEOLAV
FUEL CLEANING	PHYSICAL SEPARATION	LAUNDERS	HYDRAULIC CLASSIFIER
FUEL CLEANING	PHYSICAL SEPARATION	LAUNDERS	HYDROTATOR PROCESS
FUEL CLEANING	PHYSICAL SEPARATION	LAUNDERS	LAMEX LAUNDER
FUEL CLEANING	PHYSICAL SEPARATION	LAUNDERS	MULTIDUNE PROCESS
FUEL CLEANING	PHYSICAL SEPARATION	LAUNDERS	PARTICLE LAUNDER
FUEL CLEANING	PHYSICAL SEPARATION	LAUNDERS	REICHERT CONCENTRAT
FUEL CLEANING	PHYSICAL SEPARATION	LAUNDERS	SEALED DISCH RHEOLAV
FUEL CLEANING	PHYSICAL SEPARATION	LAUNDERS	SPIRAL CONCENTRATOR
FUEL CLEANING	PHYSICAL SEPARATION	OTHER METHODS	AIRFLOW CLEANER
FUEL CLEANING	PHYSICAL SEPARATION	OTHER METHODS	AYERS PICKER
FUEL CLEANING	PHYSICAL SEPARATION	OTHER METHODS	DRY CENTRIF SEPARAT
FUEL CLEANING	PHYSICAL SEPARATION	OTHER METHODS	ROTARY BREAKER
FUEL CLEANING	PHYSICAL SEPARATION	OTHER METHODS	SELECTIVE FLOCCUTATN
FUEL CLEANING	PHYSICAL SEPARATION	OTHER METHODS	SHAKING PICKER
FUEL CLEANING	PHYSICAL SEPARATION	OTHER METHODS	SPIRAL PICKER
FUEL CLEANING	PHYSICAL SEPARATION	OTHER METHODS	ZIEGLER PICKER

SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
FUEL CLEANING	PHYSICAL SEPARATION	WET CONCEN TABLES	BUSS
FUEL CLEANING	PHYSICAL SEPARATION	WET CONCEN TABLES	BUTCHART
FUEL CLEANING	PHYSICAL SEPARATION	WET CONCEN TABLES	CAMPBELL
FUEL CLEANING	PHYSICAL SEPARATION	WET CONCEN TABLES	DIESTER
FUEL CLEANING	PHYSICAL SEPARATION	WET CONCEN TABLES	GARFIELD
FUEL CLEANING	PHYSICAL SEPARATION	WET CONCEN TABLES	MASSCO
FUEL CLEANING	PHYSICAL SEPARATION	WET CONCEN TABLES	OVERSTROM UNIVERSAL
FUEL CLEANING	PHYSICAL SEPARATION	WET CONCEN TABLES	PLAT-O
FUELS PROCESSING	SOLID WASTE	DENSIFIED RDF	RESOURCE RECOVERY
FUELS PROCESSING	SOLID WASTE	ECO-FUEL II	MSW PROCESSING
FUELS PROCESSING	SOLID WASTE	RDF	RESOURCE RECOVERY
INCINERATION	COMMERCIAL-INST	INCINERATORS	CONTROLLED AIR
INCINERATION	COMMERCIAL-INST	INCINERATORS	MULTIPLE CHAMBER
INCINERATION	GOVERNMENT	INCINERATORS	CHAIN-FED
INCINERATION	GOVERNMENT	INCINERATORS	CONTROLLED AIR
INCINERATION	GOVERNMENT	INCINERATORS	FLUID BED
INCINERATION	GOVERNMENT	INCINERATORS	MULTIPLE HEARTH
INCINERATION	GOVERNMENT	INCINERATORS	RAM-FED
INCINERATION	GOVERNMENT	INCINERATORS	RECIPROCATING GRATE
INCINERATION	INDUSTRIAL	INCINERATORS	CONTROLLED AIR
INCINERATION	INDUSTRIAL	INCINERATORS	MULTIPLE CHAMBER
MATERIALS RECOVERY	SOLID WASTE	ALUMINUM	MECH SEPARATION
MATERIALS RECOVERY	SOLID WASTE	FERROUS	MAGNETIC SEPARATION
MATERIALS RECOVERY	SOLID WASTE	GLASS	FROTH FLOTATION
MATERIALS RECOVERY	SOLID WASTE	GLASS	OPTICAL SORTING
METALS	ORE MINE & DRESSING	BAUXITE	MINE

SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
METALS	ORE MINE & DRESSING	COPPER	MINE/MILL
METALS	ORE MINE & DRESSING	COPPER	MINE/MILL/SMELT/REFI
METALS	ORE MINE & DRESSING	FERROALLY	NOT SPECIFIED
METALS	ORE MINE & DRESSING	GOLD	NOT SPECIFIED
METALS	ORE MINE & DRESSING	IRON	MINE
METALS	ORE MINE & DRESSING	LEAD	MINE/MILL
METALS	ORE MINE & DRESSING	LEAD/ZINC	NOT SPECIFIED
METALS	ORE MINE & DRESSING	SILVER	MINE/MILL
METALS	ORE MINE & DRESSING	SILVER	NOT SPECIFIED
METALS	ORE MINE & DRESSING	TITANIUM	MINE/MILL
METALS	ORE MINE & DRESSING	TITANIUM	NOT SPECIFIED
METALS	ORE MINE & DRESSING	URANIUM	MILL
METALS	ORE MINE & DRESSING	URANIUM	MINE
METALS	ORE MINE & DRESSING	ZINC	MINE/MILL
METALS	PRIMARY FERROUS	FERROUS	FOUNDRY/CASTING
METALS	PRIMARY FERROUS	IRON	BLAST FURNACES
METALS	PRIMARY FERROUS	IRON	COKE BYPRODUCT PLANT
METALS	PRIMARY FERROUS	IRON	COKE OVENS
METALS	PRIMARY FERROUS	IRON	DIRECT REDUCTION
METALS	PRIMARY FERROUS	IRON	FERROALLOY PRODUCTN
METALS	PRIMARY FERROUS	IRON	FOUNDRY/CASTING
METALS	PRIMARY FERROUS	IRON	SINTER PLANT
METALS	PRIMARY FERROUS	STEEL	ABRASIVE BLASTING
METALS	PRIMARY FERROUS	STEEL	ALKALINE CLEANING
METALS	PRIMARY FERROUS	STEEL	BASIC OXYGEN FURNACE
METALS	PRIMARY FERROUS	STEEL	BLAST FURNACE
METALS	PRIMARY FERROUS	STEEL	COATING
METALS	PRIMARY FERROUS	STEEL	COKEMAKING
METALS	PRIMARY FERROUS	STEEL	COLD ROLLING
METALS	PRIMARY FERROUS	STEEL	CONTINUOUS CASTING
METALS	PRIMARY FERROUS	STEEL	ELECTRIC FURNACE
METALS	PRIMARY FERROUS	STEEL	HOT COATING
METALS	PRIMARY FERROUS	STEEL	HOT FORMING
METALS	PRIMARY FERROUS	STEEL	HOT ROLLING
METALS	PRIMARY FERROUS	STEEL	OPEN HEARTH

SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
METALS	PRIMARY FERROUS	STEEL	PICKLING
METALS	PRIMARY FERROUS	STEEL	PIPE AND TUBE
METALS	PRIMARY FERROUS	STEEL	PIPE PRODUCTION
METALS	PRIMARY FERROUS	STEEL	SCARFING
METALS	PRIMARY FERROUS	STEEL	VACUUM DEGASSING
METALS	PRIMARY NONFERROUS	ALUMINUM	ELECTROLYTIC PROD
METALS	PRIMARY NONFERROUS	ALUMINUM	FOUNDRY/CASTING
METALS	PRIMARY NONFERROUS	ALUMINUM	REFINING
METALS	PRIMARY NONFERROUS	COPPER	
METALS	PRIMARY NONFERROUS	COPPER	REFINING
METALS	PRIMARY NONFERROUS	COPPER	ROASTING
METALS	PRIMARY NONFERROUS	COPPER	SMELTING
METALS	PRIMARY NONFERROUS	FERROUS	FOUNDRY/CASTING
METALS	PRIMARY NONFERROUS	LEAD	BLAST FURNACE
METALS	PRIMARY NONFERROUS	LEAD	REVERB FURNACE
METALS	PRIMARY NONFERROUS	LEAD	SINTERING
METALS	PRIMARY NONFERROUS	NOT SPECIFIED	FOUNDRY/CASTING
METALS	PRIMARY NONFERROUS	TITANIUM	CHLORIDE REDUCTION
METALS	PRIMARY NONFERROUS	URANIUM	REFINING
METALS	PRIMARY NONFERROUS	ZINC	ELECTROLYTIC PROD
METALS	PRIMARY NONFERROUS	ZINC	HORIZONTAL RETORT
METALS	PRIMARY NONFERROUS	ZINC	REFINING
METALS	PRIMARY NONFERROUS	ZINC	ROASTING
METALS	PRIMARY NONFERROUS	ZINC	SINTERING
METALS	PRIMARY NONFERROUS	ZINC	VERTICAL RETORT
METALS	SEC NONFERROUS	ALUMINUM	MELTING CRUCIBLE
METALS	SEC NONFERROUS	ALUMINUM	REVERB FURNACE
METALS	SEC NONFERROUS	ALUMINUM	SWEATING FURNACE
METALS	SEC NONFERROUS	BRASS BRONZE	BLAST FURNACE
METALS	SEC NONFERROUS	BRASS BRONZE	CRUCIBLE FURNACE
METALS	SEC NONFERROUS	BRASS BRONZE	CUPOLA
METALS	SEC NONFERROUS	BRASS BRONZE	ELECTRIC INDUCTION
METALS	SEC NONFERROUS	BRASS BRONZE	REVERB FURNACE
METALS	SEC NONFERROUS	BRASS BRONZE	ROTARY FURNACE
METALS	SEC NONFERROUS	LEAD	BLAST/CUPOLA FNC

SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
METALS	SEC NONFERROUS	LEAD	POT FURNACE
METALS	SEC NONFERROUS	LEAD	REVERB FURNACE
METALS	SEC NONFERROUS	LEAD	ROTARY REVERB FNC
METALS	SEC NONFERROUS	MAGNESIUM	SMELTING
METALS	SEC NONFERROUS	ZINC	HORIZ MUFFLE FNC
METALS	SEC NONFERROUS	ZINC	LATTLE SWEAT FNC
METALS	SEC NONFERROUS	ZINC	POT FURNACE
METALS	SEC NONFERROUS	ZINC	RETORT FURNACE
METALS	SEC NONFERROUS	ZINC	REVERB SWEAT FNC
METALS	SECONDARY FERROUS	IRON	CUPOLA
METALS	SECONDARY FERROUS	IRON	ELECTRIC INDUCTION
METALS	SECONDARY FERROUS	IRON	REVERB FURNACE
METALS	SECONDARY FERROUS	STEEL	ELECTRIC ARC
METALS	SECONDARY FERROUS	STEEL	INDUCTION FURNACE
METALS	SECONDARY FERROUS	STEEL	OPEN HEARTH
MINERALS	BUILDING MATERIALS	ASPHALT	BATCHING
MINERALS	BUILDING MATERIALS	ASPHALT	ROOFING PLANTS
MINERALS	BUILDING MATERIALS	BRICK	MANUFACTURE
MINERALS	BUILDING MATERIALS	CASTABLE REFRACTRY	ELECTRIC ARC
MINERALS	BUILDING MATERIALS	CEMENT	PRODUCTION
MINERALS	BUILDING MATERIALS	CERAMIC/CLAY	PRODUCTION
MINERALS	BUILDING MATERIALS	FIBERGLASS WOOL	MANUFACTURE
MINERALS	BUILDING MATERIALS	FRIT	CRUCIBLE FURNACE
MINERALS	BUILDING MATERIALS	FRIT	HEARTH FURNACE
MINERALS	BUILDING MATERIALS	FRIT	ROTARY FURNACE
MINERALS	BUILDING MATERIALS	GLASS	MANUFACTURE
MINERALS	BUILDING MATERIALS	MINERAL WOOL	CUPOLA
MINERALS	BUILDING MATERIALS	MINERAL WOOL	REVERB FURNACE
MINERALS	MINED NATURAL PROD	ASBESTOS	MINING
MINERALS	MINED NATURAL PROD	ASBESTOS	PROCESSING

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SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
MINERALS	MINED NATURAL PROD	BORAX	MINING
MINERALS	MINED NATURAL PROD	BORAX	REFINING
MINERALS	MINED NATURAL PROD	CALCIUM BORATE	MINING
MINERALS	MINED NATURAL PROD	CALCIUM BORATE	PROCESSING
MINERALS	MINED NATURAL PROD	COAL	FLASH DESULFURIZATN
MINERALS	MINED NATURAL PROD	COAL	HYDROTHERMAL
MINERALS	MINED NATURAL PROD	COAL	MEYERS PROCESS
MINERALS	MINED NATURAL PROD	COAL	MICROWAVE DESULF
MINERALS	MINED NATURAL PROD	COAL	MINING
MINERALS	MINED NATURAL PROD	COAL	PHYS/MECH CLEANING
MINERALS	MINED NATURAL PROD	GYPSUM	CALCINING
MINERALS	MINED NATURAL PROD	GYPSUM	MINING
MINERALS	MINED NATURAL PROD	LIME	MINING
MINERALS	MINED NATURAL PROD	LIME	ROTARY KILN
MINERALS	MINED NATURAL PROD	LIME	VERTICAL KILN
MINERALS	MINED NATURAL PROD	MAGNESIUM CARBONAT	MINING
MINERALS	MINED NATURAL PROD	MAGNESIUM CARBONAT	PROCESSING
MINERALS	MINED NATURAL PROD	PERLITE	MINING
MINERALS	MINED NATURAL PROD	PERLITE	VERTICAL FURNACE
MINERALS	MINED NATURAL PROD	PHOSPHATE ROCK	BENEFICIATION
MINERALS	MINED NATURAL PROD	PHOSPHATE ROCK	MINING
MINERALS	MINED NATURAL PROD	POTASH	MINING
MINERALS	MINED NATURAL PROD	POTASH	PROCESSING
MINERALS	MINED NATURAL PROD	SALT	MINING
MINERALS	MINED NATURAL PROD	SALT	PURIFYING
MINERALS	MINED NATURAL PROD	SAND/GRAVEL	PROCESSING
MINERALS	MINED NATURAL PROD	STONE QUARRY	STONE CUTTING
MUNICIPAL	COLLECTION SYSTEM	COMBINED SEWAGE	NOT SPECIFIED
MUNICIPAL	COLLECTION SYSTEM	DRINKING WATER	NOT SPECIFIED
MUNICIPAL	COLLECTION SYSTEM	INDUSTRL WASTEWATER	NOT SPECIFIED

SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
MUNICIPAL	COLLECTION SYSTEM	STORMWATER	NOT SPECIFIED
MUNICIPAL	HOME	COMBINED SEWAGE	NOT SPECIFIED
MUNICIPAL	HOME	DRINKING WATER	NOT SPECIFIED
MUNICIPAL	HOME	STORMWATER	NOT SPECIFIED
MUNICIPAL	HOME	WASTEWATER	NOT SPECIFIED
MUNICIPAL	POTW	COMBINED SEWAGE	ADVANCED WASTE
MUNICIPAL	POTW	DRINKING WATER	SECONDARY
MUNICIPAL	POTW	SLUDGE	NOT SPECIFIED
MUNICIPAL	POTW	STORMWATER	ADVANCED SECONDARY
MUNICIPAL	POTW	WASTEWATER	PRIMARY
NATURAL PRODUCTS	AGRICULTURAL	COTTON	GINNING
NATURAL PRODUCTS	AGRICULTURAL	TOBACCO	CURING
NATURAL PRODUCTS	LEATHER	CURED LEATHER	FINISHING
NATURAL PRODUCTS	LEATHER	GOODS	TANNING
NATURAL PRODUCTS	OILS AND FATS	ANIMAL FATS/OILS	HYDROGENATION
NATURAL PRODUCTS	OILS AND FATS	ANIMAL FATS/OILS	INTERESTERIFICATION
NATURAL PRODUCTS	OILS AND FATS	COTTONSEED OIL	SOLVENT EXTRACTION
NATURAL PRODUCTS	OILS AND FATS	SOYBEAN OIL	SOLVENT EXTRACTION
NATURAL PRODUCTS	WOOD	CORK	PROCESSING
NATURAL PRODUCTS	WOOD	EXCELSIOR	MANUFACTURE
NATURAL PRODUCTS	WOOD	LUMBER	PARTICLE BOARD MFG
NATURAL PRODUCTS	WOOD	LUMBER	PLYWOOD MFG

SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
NATURAL PRODUCTS	WOOD	LUMBER	PRESSURE TREATING
NATURAL PRODUCTS	WOOD	LUMBER	SAWMILL OPERATIONS
NATURAL PRODUCTS	WOOD	PULP & PAPER	FIBERBOARD MFG
NATURAL PRODUCTS	WOOD	PULP & PAPER	PAPER MFG
NATURAL PRODUCTS	WOOD	PULP & PAPER	PAPERBOARD MFG
NATURAL PRODUCTS	WOOD	PULP & PAPER	SEMICHEMICAL PULPING
NATURAL PRODUCTS	WOOD	PULP & PAPER	SULFATE PULPING
NATURAL PRODUCTS	WOOD	PULP & PAPER	SULFITE PULPING
PETROCHEMICALS	ALIPHATICS	BUTADIENE	CRACKING
PETROCHEMICALS	ALIPHATICS	BUTADIENE	DEHYDROGENATION
PETROCHEMICALS	ALIPHATICS	ETHYLENE	CRACKING
PETROCHEMICALS	ALIPHATICS	PROPYLENE	CRACKING
PETROCHEMICALS	AROMATICS	BENZENE	CATALYTIC REFORMING
PETROCHEMICALS	AROMATICS	BENZENE	DEALKYLATION
PETROCHEMICALS	AROMATICS	NAPHTHALENE	HYDEAL DEALKYLATION
PETROCHEMICALS	AROMATICS	TOLUENE	CATALYTIC REFORMING
PETROCHEMICALS	AROMATICS	XYLENES	CATALYTIC REFORMING
PETROCHEMICALS	BY-PRODUCT	AMMONIA	STEAM REFORMING
PETROLEUM REFINING	HEAVY DISTILLATES	LUBRICATING OILS	INTEGRATED
PETROLEUM REFINING	HEAVY DISTILLATES	LUBRICATING OILS	LUBE
PETROLEUM REFINING	HEAVY DISTILLATES	LUBRICATING OILS	PETROCHEMICAL
PETROLEUM REFINING	INTERMEDIATE DIST	HEAVY FUEL OILS	INTEGRATED
PETROLEUM REFINING	INTERMEDIATE DIST	HEAVY FUEL OILS	LUBE
PETROLEUM REFINING	INTERMEDIATE DIST	HEAVY FUEL OILS	PROCESS HEATER
PETROLEUM REFINING	LIGHT DISTILLATES	GASOLINE	CRACKING
PETROLEUM REFINING	LIGHT DISTILLATES	GASOLINE	TOPPING
PETROLEUM REFINING	LIGHT DISTILLATES	KEROSENE	TOPPING

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SOURCE CATEGORY	SOURCE TYPE	PRODUCT OR DEVICE	PROCESS
PETROLEUM REFINING	RESIDUES	ASPHALT	INTEGRATED
PETROLEUM REFINING	RESIDUES	ASPHALT	LUBE
PETROLEUM REFINING	RESIDUES	ASPHALT	PETROCHEMICAL
SYNTHETIC FUELS	COAL	HIGH BTU GAS	BI-GAS
SYNTHETIC FUELS	COAL	HIGH BTU GAS	CO2 ACCEPTOR
SYNTHETIC FUELS	COAL	HIGH BTU GAS	HYGAS
SYNTHETIC FUELS	COAL	HIGH BTU GAS	LURGI
SYNTHETIC FUELS	COAL	HIGH BTU GAS	SYNTHANE
SYNTHETIC FUELS	COAL	LIQUEFACTION	EXXON DONOR SOLVENT
SYNTHETIC FUELS	COAL	LIQUEFACTION	H-COAL
SYNTHETIC FUELS	COAL	LIQUEFACTION	SOLVENT REFINED
SYNTHETIC FUELS	COAL	LOW/MED BTU GAS	CAFB
SYNTHETIC FUELS	COAL	LOW/MED BTU GAS	KOPPERS TOTZEK
SYNTHETIC FUELS	COAL	LOW/MED BTU GAS	U-GAS
SYNTHETIC FUELS	SOLID WASTE	FUEL GAS	PYROLYSIS
SYNTHETIC FUELS	SOLID WASTE	LOW/MED BTU GAS	ECO-FUEL II
SYNTHETIC FUELS	SOLID WASTE	LOW/MED BTU GAS	PUROX
SYNTHETIC FUELS	SOLID WASTE	METHANE	METHANE RECOVERY
SYNTHETIC FUELS	SOLID WASTE	PYROLYTIC OIL	PYROLYSIS

TABLE A-2. FEED MATERIAL CATEGORY

AGRI FEED
BIOMASS
COAL
GAS
INDUSWATER
INORG CHEM
METAL ORE
MISC CHEM
MISC ORE
MIXED FEED
MIXED FUEL
MTL SCRAP
NONE
NOT SPECFD
OIL
ORE/SCRAP
ORGAN CHEM
PETRO CHEM
POTABWATER
RDF
SEWERAGE
SOLIDWASTE
SYNFUEL
WASTEWATER
WOOD

TABLE A-3. STATE/PROVINCE/COUNTRY

States

Alabama	AL	Missouri	MO
Alaska	AK	Montana	MT
Arizona	AZ	Nebraska	NE
Arkansas	AR	Nevada	NV
California	CA	New Hampshire	NH
Canal Zone	CZ	New Jersey	NJ
Colorado	CO	New Mexico	NM
Connecticut	CT	New York	NY
Delaware	DE	North Carolina	NC
District of Columbia	DC	North Dakota	ND
Florida	FL	Ohio	OH
Georgia	GA	Oklahoma	OK
Guam	GU	Oregon*	ON
Hawaii	HI	Pennsylvania	PA
Idaho	ID	Puerto Rico	PR
Illinois	IL	Rhode Island	RI
Indiana	IN	South Carolina	SC
Iowa	IA	South Dakota	SD
Kansas	KS	Tennessee	TN
Kentucky	KY	Texas	TX
Louisiana	LA	Utah	UT
Maine	ME	Vermont	VT
Maryland	MD	Virginia	VA
Massachusetts	MA	Virgin Islands	VI
Michigan	MI	Washington	WA
Minnesota	MN	West Virginia	WV
Mississippi	MS	Wisconsin	WI
		Wyoming	WY

*Since OR may be interpreted by the computer as the Boolean logical operator "OR", the State code for Oregon has been changed to ON for the EADS.

TABLE A-3. Continued

Canadian Provinces	
Ontario	OT
Alberta	AB
Saskatchewan	SA
Manitoba	MB
Quebec	QB
Nova Scotia	NS
British Columbia	BC
Yukon	YK
North West Territories	NW
New Brunswick	NB
Newfoundland	NF
Prince Edward Island	PE

TABLE A-3. Concluded

<u>Countries</u>

United States of America	USA
Canada	CAN
United Kingdom of Great Britain	UK
Union of Soviet Socialists Republics (Russia)	USSR
People's Republic of China	CHINA
France	FRA
Italy	ITALY
West Germany	GFR
East Germany	GDR
The Netherlands	NDL
Denmark	DENMK
Sweden	SWEDE
Norway	NORGE
Poland	POLND
Czechoslovakia	CZECH
Yugoslavia	YUGOS
Romania	ROMAN
Bulgaria	BULGR
United Arab Republic (Egypt)	UAR
Israel	ISR
Austria	AUSTR
Switzerland	SWITZ
Spain	SPAIN
Japan	JAPAN
India	INDIA
Indonesia	INDON
Australia	AUSTL
Mexico	MEX
Brazil	BRAZL
Argentina	ARGEN
Union of South Africa	UOSA
Taiwan	TAIWN

TABLE A-4(a). CONTROL DEVICE/TREATMENT PROCESS (AIR)

ENVIRONMENTAL ASSESSMENT DATA SYSTEMS

TERMS-028
CONTROL SYSTEMS LISTING
MEDIA: AIR
04/16/80

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00047	CHEMICAL REACTION	CATALYTIC REDUCTION	CATALYTIC REMOVAL
00048	CHEMICAL REACTION	CATALYTIC REDUCTION	HIGH PRESSURE REMOVL
00049	CHEMICAL REACTION	CATALYTIC REDUCTION	TWO-STAGE REDUCTION
00050	CHEMICAL REACTION	CHEMICAL CONVERSION	KIYOURA PROCESS
00051	CHEMICAL REACTION	CHEMICAL CONVERSION	THERMAL DENOX PROC
00892	COMB MODIFICATIONS	ALTERNATE FUELS	MIXED FUELS
00893	COMB MODIFICATIONS	ALTERNATE FUELS	NATURAL FUELS
00894	COMB MODIFICATIONS	ALTERNATE FUELS	SYNTHETIC FUELS
00756	COMB MODIFICATIONS	COMBUSTION CHAMBER MODIFICATIONS	AIR/FUEL CHANGES
00757	COMB MODIFICATIONS	COMBUSTION CHAMBER MODIFICATIONS	CHAMBER GEOMETRY MOD
00758	COMB MODIFICATIONS	COMBUSTION CHAMBER MODIFICATIONS	DERATING
00759	COMB MODIFICATIONS	COMBUSTION CHAMBER MODIFICATIONS	EXHAUST GAS RECIRC
00760	COMB MODIFICATIONS	COMBUSTION CHAMBER MODIFICATIONS	H2O INJECTION
00761	COMB MODIFICATIONS	COMBUSTION CHAMBER MODIFICATIONS	MANIFOLD AIR COOLING
00762	COMB MODIFICATIONS	COMBUSTION CHAMBER MODIFICATIONS	RETARDED IGNITION
00763	COMB MODIFICATIONS	FUEL ADDITIVES/FURNACE REACTANTS	CORROSION CONTROL
00764	COMB MODIFICATIONS	FUEL ADDITIVES/FURNACE REACTANTS	FLY ASH CONDITIONERS
00765	COMB MODIFICATIONS	FUEL ADDITIVES/FURNACE REACTANTS	NH3 INJECTION
00766	COMB MODIFICATIONS	FUEL ADDITIVES/FURNACE REACTANTS	SMOKE/PARTIC SUPPRES
00767	COMB MODIFICATIONS	FUEL ADDITIVES/FURNACE REACTANTS	SOX REDUCERS
00768	COMB MODIFICATIONS	FURNACE/BURNER MODIFICATIONS	BOOS
00769	COMB MODIFICATIONS	FURNACE/BURNER MODIFICATIONS	BURNER DESIGN MOD
00770	COMB MODIFICATIONS	FURNACE/BURNER MODIFICATIONS	FLUE GAS RECIRC
00771	COMB MODIFICATIONS	FURNACE/BURNER MODIFICATIONS	FURNACE MOD
00772	COMB MODIFICATIONS	FURNACE/BURNER MODIFICATIONS	H2O/STEAM INJECTION
00773	COMB MODIFICATIONS	FURNACE/BURNER MODIFICATIONS	LOAD REDUCTION
00774	COMB MODIFICATIONS	FURNACE/BURNER MODIFICATIONS	LOW NOX BURNERS
00775	COMB MODIFICATIONS	FURNACE/BURNER MODIFICATIONS	LOW XS AIR FIRING
00776	COMB MODIFICATIONS	FURNACE/BURNER MODIFICATIONS	OFF-STOICH STGD COMB
00777	COMB MODIFICATIONS	FURNACE/BURNER MODIFICATIONS	OVERFIRE AIR
00778	COMB MODIFICATIONS	FURNACE/BURNER MODIFICATIONS	REDUCED AIR PREHEAT
00055	CONDENSERS	DIRECT CONTACT EXCHANGER	JET CONDENSER
00056	CONDENSERS	DIRECT CONTACT EXCHANGER	SPARGED VESSEL
00057	CONDENSERS	DIRECT CONTACT EXCHANGER	SPRAY CONTACT
00058	CONDENSERS	INDIRECT CONTACT EXCHANGER	COUNT-CURRENT SPIRAL
00059	CONDENSERS	INDIRECT CONTACT EXCHANGER	FINNED TUBE AIR COOL
00060	CONDENSERS	INDIRECT CONTACT EXCHANGER	PLATEFLOW
00061	CONDENSERS	INDIRECT CONTACT EXCHANGER	TUBE AND SHELL
00062	CONDENSERS	INDIRECT CONTACT EXCHANGER	WET SURFACE
00924	ESP	FLY ASH CONDITIONER	AGGLOMERATING CHEM
00925	ESP	FLY ASH CONDITIONER	ALUMINUM SULFATE
00926	ESP	FLY ASH CONDITIONER	AMMONIA
00927	ESP	FLY ASH CONDITIONER	AMMONIUM BISULFATE
00928	ESP	FLY ASH CONDITIONER	AMMONIUM SULFATE
00929	ESP	FLY ASH CONDITIONER	HYDROGEN CHLORIDE
00930	ESP	FLY ASH CONDITIONER	IRON OXIDE
00931	ESP	FLY ASH CONDITIONER	IRON SULFATE
00932	ESP	FLY ASH CONDITIONER	MULTIPLE COMPONENT
00933	ESP	FLY ASH CONDITIONER	ORGANIC AMINES

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00934	ESP	FLY ASH CONDITIONER	PHOSPH PENTOXIDE
00935	ESP	FLY ASH CONDITIONER	SODIUM CARBONATE
00936	ESP	FLY ASH CONDITIONER	SULFAMIC ACID
00937	ESP	FLY ASH CONDITIONER	SULFUR TRIOXIDE
00938	ESP	FLY ASH CONDITIONER	SULFURIC ACID
00939	ESP	FLY ASH CONDITIONER	VANADIUM OXIDE
00940	ESP	FLY ASH CONDITIONER	WATER/STEAM
00075	ESP	SINGLE STAGE	COLD SIDE
00076	ESP	SINGLE STAGE	HOT SIDE
00077	ESP	SINGLE' STAGE	NEEDLE/PLATE
00078	ESP	SINGLE STAGE	PIPE
00079	ESP	SINGLE STAGE	PLATE
00941	ESP	SINGLE STAGE	TRIELECTRODE
00080	ESP	SINGLE STAGE	WATER-FILM
00081	ESP	TWO-STAGE	CONVENTIONAL 2-STG
00082	ESP	TWO-STAGE	HIGH INTENSITY ION
00971	FILTERS	FABRIC	AYNACLONE
00097	FILTERS	FABRIC	CEDARAPIDS
00098	FILTERS	FABRIC	CLEANABLE MEDIA H E
00099	FILTERS	FABRIC	CLOTH TUBE DUSKOLECT
00100	FILTERS	FABRIC	DISPOSABLE MEDIA H E
00101	FILTERS	FABRIC	DUSKOLECTOR
00102	FILTERS	FABRIC	ELECTROSTATIC BAG
00103	FILTERS	FABRIC	ENVELOPE TYPE BAG
00104	FILTERS	FABRIC	FLAT BAG
00105	FILTERS	FABRIC	HEPA CARTRIDGE
00106	FILTERS	FABRIC	HO MIST COLLECTOR
00107	FILTERS	FABRIC	HORIZONTAL BAG
00108	FILTERS	FABRIC	MULTIBAG
00109	FILTERS	FABRIC	PEABODY/LUGAR PICKET
00110	FILTERS	FABRIC	PNEUMAFIL
00111	FILTERS	FABRIC	PULSE JET TYPE
00112	FILTERS	FABRIC	PULSEFLO DUST FILTER
00113	FILTERS	FABRIC	PYNACLONE
00114	FILTERS	FABRIC	REVERSE AIR
00115	FILTERS	FABRIC	SHAKER TYPE
00116	FILTERS	FABRIC	TUBULAR TYPE BAG
00117	FILTERS	FABRIC	UNIBAG
00118	FILTERS	GRANULAR	ELECTROST FLUID BED
00119	FILTERS	GRANULAR	LYNCH
00120	FILTERS	MISCELLANEOUS FILTERS	AIRMAT DUST ARRESTOR
00121	FILTERS	MISCELLANEOUS FILTERS	CARTRIDGE DUST COLLECTOR
00122	FILTERS	MISCELLANEOUS FILTERS	DISPOSE TRAVEL AIR
00972	FILTERS	MISCLLLANEOUS FILTERS	DOLLINGER STAY-NEW
00123	FILTERS	MISCELLANEOUS FILTERS	DRY BANK
00124	FILTERS	MISCELLANEOUS FILTERS	SONIC DUST PRECIP
00125	FILTERS	VISCOUS FILTERS	CHEAF
00126	FILTERS	VISCOUS FILTERS	IRRIGATED WET
00127	FILTERS	VISCOUS FILTERS	MULTIPANEL OIL BATH

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00128	FILTERS	VISCOUS FILTERS	OIL COATED BANK
00973	FILTERS	VISCOUS FILTERS	ROTATING HOLLOW CYL
00189	INCINERATION	CATALYTIC	AMOCO SULFUR RECOV
00190	INCINERATION	CATALYTIC	BEAVON SULFUR REMOV
00191	INCINERATION	CATALYTIC	BRITISH GAS COUNCIL
00192	INCINERATION	CATALYTIC	CATALYTIC AFTERBURN
00193	INCINERATION	CATALYTIC	CATALYTIC COMBUSTION
00194	INCINERATION	CATALYTIC	CATALYTIC FUME INCIN
00195	INCINERATION	CATALYTIC	CBA PROCESS
00196	INCINERATION	CATALYTIC	CLAUS/PARTIAL COMB
00197	INCINERATION	CATALYTIC	CO CATALYTIC BOILER
00198	INCINERATION	CATALYTIC	DEOXO PROCESS
00199	INCINERATION	CATALYTIC	ECON-ABATOR
00200	INCINERATION	CATALYTIC	IFP I PROCESS
00201	INCINERATION	CATALYTIC	INTERPASS ABSORPTION
00202	INCINERATION	CATALYTIC	OXYCAT PROCESS
00203	INCINERATION	CATALYTIC	PURAFIL ODOROXIDANT
00204	INCINERATION	CATALYTIC	SCOT PROCESS
00205	INCINERATION	CATALYTIC	SPLIT-STREAM CLAUS
00206	INCINERATION	CATALYTIC	SULFREEN (LURGI)
00207	INCINERATION	CATALYTIC	WIEWIOROWSKI PROCESS
00208	INCINERATION	DIRECT	AFTERBURNER
00209	INCINERATION	DIRECT	CO BOILER
00210	INCINERATION	DIRECT	DIRECT FLAME
00211	INCINERATION	DIRECT	NOZZLE MIX THERMAL
00212	INCINERATION	DIRECT	PREMIX THERMAL
00213	INCINERATION	DIRECT	TCC PLUME BURNER
00214	INCINERATION	DIRECT	THERMAL REGEN SYSTEM
00221	LIQUID SCRUBBERS	ABSORPTION PROCESSES	AIR OXIDATION NOX
00222	LIQUID SCRUBBERS	ABSORPTION PROCESSES	AMMONEX PROCESS
00223	LIQUID SCRUBBERS	ABSORPTION PROCESSES	AQUEOUS SODIUM
00224	LIQUID SCRUBBERS	ABSORPTION PROCESSES	ASARCO
00225	LIQUID SCRUBBERS	ABSORPTION PROCESSES	CATALYLIC/IFP NH3
00226	LIQUID SCRUBBERS	ABSORPTION PROCESSES	CO ABS-CU-NH4-SALT
00227	LIQUID SCRUBBERS	ABSORPTION PROCESSES	COMINCO SO2 RECOV
00228	LIQUID SCRUBBERS	ABSORPTION PROCESSES	DILUTE SULFURIC ACID
00229	LIQUID SCRUBBERS	ABSORPTION PROCESSES	DOUBLE ALKALI
00230	LIQUID SCRUBBERS	ABSORPTION PROCESSES	DRY ALKALI NOX
00231	LIQUID SCRUBBERS	ABSORPTION PROCESSES	ELECTROLYTIC GAS
00232	LIQUID SCRUBBERS	ABSORPTION PROCESSES	FLY ASH ALKALI
00233	LIQUID SCRUBBERS	ABSORPTION PROCESSES	FOAM SCRUBBING
00234	LIQUID SCRUBBERS	ABSORPTION PROCESSES	IFP II
00235	LIQUID SCRUBBERS	ABSORPTION PROCESSES	LIME SLURRY
00236	LIQUID SCRUBBERS	ABSORPTION PROCESSES	LIMESTONE SLURRY
00237	LIQUID SCRUBBERS	ABSORPTION PROCESSES	MAGNESIUM OXIDE
00238	LIQUID SCRUBBERS	ABSORPTION PROCESSES	METAL CHELATING NOX
00239	LIQUID SCRUBBERS	ABSORPTION PROCESSES	PHOSPHATE/AQUACLAUS
00240	LIQUID SCRUBBERS	ABSORPTION PROCESSES	SODIUM SULFATE NOX
00241	LIQUID SCRUBBERS	ABSORPTION PROCESSES	SPRAY DRYER ABSORP

TERMS-02B
MEDIA: AIR

CONTROL SYSTEMS LISTING
04/16/80

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00242	LIQUID SCRUBBERS	ABSORPTION PROCESSES	SULPHIDINE
00243	LIQUID SCRUBBERS	ABSORPTION PROCESSES	WELLMAN-LORD
00244	LIQUID SCRUBBERS	ABSORPTION PROCESSES	WET ALKALI NOX
00245	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	CENTRIFUGAL
00246	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	CYCLONIC BAFFLE
01143	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	CYCLONIC SEPARATOR
00247	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	CYCLONIC SPRAY
00248	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	CYCLONIC WASH
01144	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	EXHAUST HEAD
01145	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	HIEF PURIFIER
00249	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	HORIZONTAL EXHAUST
01146	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	IRRIGATED CENTRIF
01147	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	IRRIGATED CYCLONE
01148	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	MODEL WC WET
00250	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	MULTIVANE GAS
01149	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	MULTIVANE TYPE L
00251	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	PEASE-ANTHONY CYCLNC
00252	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	SEPAIRATOR/IMPACTAIR
00253	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	VERTICAL EXHAUST
01150	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	VERTICAL-CYCLINDR
01151	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	WET CYCLONE
01152	LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	WET WASHING SYSTEM
01153	LIQUID SCRUBBERS	COMBINATION SCRUBBERS	CENTRIFIELD
01154	LIQUID SCRUBBERS	COMBINATION SCRUBBERS	CUX SCRUBBER
01155	LIQUID SCRUBBERS	COMBINATION SCRUBBERS	HYDROFLOW AIR WASHER
01156	LIQUID SCRUBBERS	COMBINATION SCRUBBERS	INANO-TRELL
01157	LIQUID SCRUBBERS	COMBINATION SCRUBBERS	JOY MICRODYNE
01158	LIQUID SCRUBBERS	COMBINATION SCRUBBERS	MULTI STAGE
01159	LIQUID SCRUBBERS	COMBINATION SCRUBBERS	VENTRISPHERE
00254	LIQUID SCRUBBERS	ELECTROSTATIC SCRUBBERS	COMB ELECTROST-AGGLO
00255	LIQUID SCRUBBERS	ELECTROSTATIC SCRUBBERS	DUAL CHARGING
00256	LIQUID SCRUBBERS	ELECTROSTATIC SCRUBBERS	ELECTRODYN VENTURI
00257	LIQUID SCRUBBERS	ELECTROSTATIC SCRUBBERS	ELECTRO-DYNACTOR
00258	LIQUID SCRUBBERS	ELECTROSTATIC SCRUBBERS	IONIZING
01160	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	ANTIPOL T
01161	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	AUTOMATIC GAS WASHER
01162	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	BAFFLE
01163	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	BAFFLE SEPARATOR
00259	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	BAHCO
01164	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	CPD
01165	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	DUSTRATOR
00260	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	DUSTRAXTOR
00261	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	DYNAMIC
01166	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	ENTRAINMENT SEPARAT
00262	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	IMPINJET
01167	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	LECKENBY
00263	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	MULTIWASH
00264	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	PEABODY DIRECT-CONT
00265	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	PETERSEN SEPARATOR

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00266	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	SECONDARY FLOW
00267	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	SWEMCO TRAY
01168	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	TURBULAIRE
00268	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	WET TYPE
00269	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	W-D TUYERE
00270	LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	ZIG ZAG BAFFLE
01169	LIQUID SCRUBBERS	MECHANICALLY AIDED SCRUBBER	CENTRI-SPRAY
01170	LIQUID SCRUBBERS	MECHANICALLY AIDED SCRUBBER	FAN-SEPARATOR
01171	LIQUID SCRUBBERS	MECHANICALLY AIDED SCRUBBER	TYPE W ROTO-CLONE
01172	LIQUID SCRUBBERS	MOVING BED SCRUBBER	FLOATING BED
01173	LIQUID SCRUBBERS	MOVING BED SCRUBBER	FLOODED BED
01174	LIQUID SCRUBBERS	MOVING BED SCRUBBER	HYDRO-FILTER
01175	LIQUID SCRUBBERS	MOVING BED SCRUBBER	POLYSPHERE
00271	LIQUID SCRUBBERS	ORIFICE TYPE	BLAW KNOX LIQ VORTEX
00273	LIQUID SCRUBBERS	ORIFICE TYPE	DOYLE
00272	LIQUID SCRUBBERS	ORIFICE TYPE	SCHIEG SWIRL-ORIFICE
00274	LIQUID SCRUBBERS	ORIFICE TYPE	SCHIEG SWIRL-ORIFICE
00275	LIQUID SCRUBBERS	ORIFICE TYPE	TYPE C TURBULAIRE
00276	LIQUID SCRUBBERS	ORIFICE TYPE	TYPE D TURBULAIRE
00277	LIQUID SCRUBBERS	ORIFICE TYPE	TYPE N ROTO-CLONE
00278	LIQUID SCRUBBERS	ORIFICE TYPE	ZOTRON
00279	LIQUID SCRUBBERS	PACKED COLUMNS	AEROSORB
00280	LIQUID SCRUBBERS	PACKED COLUMNS	COCURRENT FLOW
00281	LIQUID SCRUBBERS	PACKED COLUMNS	CROSS FLOW
00282	LIQUID SCRUBBERS	PACKED COLUMNS	FIXED BED COUNTERCUR
00283	LIQUID SCRUBBERS	PACKED COLUMNS	FLEXIPAC
00284	LIQUID SCRUBBERS	PACKED COLUMNS	FLOATING BED
00285	LIQUID SCRUBBERS	PACKED COLUMNS	FREYN SPRAY TOWER
00286	LIQUID SCRUBBERS	PACKED COLUMNS	GOODLOE PACKING
00287	LIQUID SCRUBBERS	PACKED COLUMNS	HYDRO-FILTER
00288	LIQUID SCRUBBERS	PACKED COLUMNS	HY-PAK RING
00289	LIQUID SCRUBBERS	PACKED COLUMNS	KON-TANE TOWER
00290	LIQUID SCRUBBERS	PACKED COLUMNS	LESSING RING
00291	LIQUID SCRUBBERS	PACKED COLUMNS	PALL RING
00292	LIQUID SCRUBBERS	PACKED COLUMNS	PANAPAK PACKING
00293	LIQUID SCRUBBERS	PACKED COLUMNS	POLYSPHERE GAS
00294	LIQUID SCRUBBERS	PACKED COLUMNS	RASCHIG RING
00295	LIQUID SCRUBBERS	PACKED COLUMNS	SADDLE PACKING
00296	LIQUID SCRUBBERS	PACKED COLUMNS	TELLERETTE
00297	LIQUID SCRUBBERS	PACKED COLUMNS	TURB CONTACT ABSORB
00298	LIQUID SCRUBBERS	PLATE COLUMNS	BUBBLE CAP TRAY
00299	LIQUID SCRUBBERS	PLATE COLUMNS	COUNTERFLOW
00300	LIQUID SCRUBBERS	PLATE COLUMNS	CROSSFLOW
01176	LIQUID SCRUBBERS	PLATE COLUMNS	FLEXITRAY
00301	LIQUID SCRUBBERS	PLATE COLUMNS	GLITCH BALLAST TRAY
00302	LIQUID SCRUBBERS	PLATE COLUMNS	NUTTER TRAY
00303	LIQUID SCRUBBERS	PLATE COLUMNS	PERFORATED TRAY
00304	LIQUID SCRUBBERS	PLATE COLUMNS	RADIAL FLOW
00305	LIQUID SCRUBBERS	PLATE COLUMNS	REVERSE FLOW

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00306	LIQUID SCRUBBERS	PLATE COLUMNS	RIPPLE TRAY
00307	LIQUID SCRUBBERS	PLATE COLUMNS	SIEVE TRAY
00308	LIQUID SCRUBBERS	PLATE COLUMNS	SPLIT-FLOW
00309	LIQUID SCRUBBERS	PLATE COLUMNS	TURB CONTACT TRAY
00310	LIQUID SCRUBBERS	PLATE COLUMNS	TURBOGRID TRAY
01177	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	ANTIPOL
01178	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	BAFFLED TOWER
00311	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	BECO V2 WET
00312	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	CENTER SPRAY HI VEL
00313	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	CENTRIF SPRAY CHAMB
00314	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	COCURRENT SPR CHAMB
00315	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	COMP AIR ATOMIZ
01179	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	COUNTER CURRENT
00316	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	DISC CONTACTOR
00317	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	DISINTEGRATOR SCRUB
01180	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	EJECTOR
00318	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	ELBAIR
01181	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	FUME WASHER
01182	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	GAS WASHER
00319	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	GRAVITY SPRAY TOWER
00320	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	HARDINGE ROTOR-SPRAY
00321	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	HORIZON SPRAY WASH
00322	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	KELLOGG/WEIR
01183	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	MYSTAIRE
00323	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	PRESSURE SPRAY TOWER
00324	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	SCHMIEG VERT-ROTOR
01184	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	SCRUB-SEPARATOR
00325	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	SWEMCO SPRAY CYCLONC
01185	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	SWIRL-JET
00326	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	TYPE FRP LOW ENERGY
01186	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	WATER JET
00327	LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	WET-TYPE DISTRIBUTOR
00328	LIQUID SCRUBBERS	STIRRED ABSORBERS	CAVITATOR AGITATED
00329	LIQUID SCRUBBERS	STIRRED ABSORBERS	DRAFT TUBE
00330	LIQUID SCRUBBERS	STIRRED ABSORBERS	JET BUBBLE REACTOR
00331	LIQUID SCRUBBERS	STIRRED ABSORBERS	PERMAERATOR
00332	LIQUID SCRUBBERS	STIRRED ABSORBERS	POROUS SPARGED
00333	LIQUID SCRUBBERS	STIRRED ABSORBERS	PROPELLER AGITATED
00334	LIQUID SCRUBBERS	STIRRED ABSORBERS	SLOTTED LIFT AGITATE
00335	LIQUID SCRUBBERS	STIRRED ABSORBERS	SPARGED TANK
00336	LIQUID SCRUBBERS	STIRRED ABSORBERS	TURBINE AGITATED
00337	LIQUID SCRUBBERS	STIRRED ABSORBERS	TURBO-GAS
00339	LIQUID SCRUBBERS	VENTURI SCRUBBERS	AIR POL BASIC
00340	LIQUID SCRUBBERS	VENTURI SCRUBBERS	AIRETRON
00341	LIQUID SCRUBBERS	VENTURI SCRUBBERS	AMETEK HIGH ENERGY
00342	LIQUID SCRUBBERS	VENTURI SCRUBBERS	ANNUAL GAP
00338	LIQUID SCRUBBERS	VENTURI SCRUBBERS	ANNULAR GAP
00343	LIQUID SCRUBBERS	VENTURI SCRUBBERS	BALL BED SORBER
00344	LIQUID SCRUBBERS	VENTURI SCRUBBERS	CONE TYPE

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00345	LIQUID SCRUBBERS	VENTURI SCRUBBERS	DAMPER TYPE
00346	LIQUID SCRUBBERS	VENTURI SCRUBBERS	DOWN FLOW RADIAL
00347	LIQUID SCRUBBERS	VENTURI SCRUBBERS	DUAL THROAT VARIABLE
00348	LIQUID SCRUBBERS	VENTURI SCRUBBERS	DUCON PRECOOLER
00349	LIQUID SCRUBBERS	VENTURI SCRUBBERS	EJECTOR
00350	LIQUID SCRUBBERS	VENTURI SCRUBBERS	FLEXIVENTURI
01187	LIQUID SCRUBBERS	VENTURI SCRUBBERS	FLOODED WALL
00351	LIQUID SCRUBBERS	VENTURI SCRUBBERS	FLOODED-DISC
00352	LIQUID SCRUBBERS	VENTURI SCRUBBERS	HEIL
00353	LIQUID SCRUBBERS	VENTURI SCRUBBERS	HORIZONTAL
00354	LIQUID SCRUBBERS	VENTURI SCRUBBERS	INLINE WET SCRUBBER
00355	LIQUID SCRUBBERS	VENTURI SCRUBBERS	KINPACTOR
01188	LIQUID SCRUBBERS	VENTURI SCRUBBERS	MICRO IMPINGEMENT
01189	LIQUID SCRUBBERS	VENTURI SCRUBBERS	MICROJECT SPRAY
01190	LIQUID SCRUBBERS	VENTURI SCRUBBERS	MODEL SV SUBMERGED
00356	LIQUID SCRUBBERS	VENTURI SCRUBBERS	MULTIPLE AIR WASHER
00357	LIQUID SCRUBBERS	VENTURI SCRUBBERS	MULTISTAGE CHAMBER
00358	LIQUID SCRUBBERS	VENTURI SCRUBBERS	MULTIVENTURI
00359	LIQUID SCRUBBERS	VENTURI SCRUBBERS	ORICLONE
00360	LIQUID SCRUBBERS	VENTURI SCRUBBERS	PEASE-ANTHONY
00361	LIQUID SCRUBBERS	VENTURI SCRUBBERS	PUMPLESS
00362	LIQUID SCRUBBERS	VENTURI SCRUBBERS	STANSTEEL WET TYPE
00363	LIQUID SCRUBBERS	VENTURI SCRUBBERS	S-F
00364	LIQUID SCRUBBERS	VENTURI SCRUBBERS	UP FLOW RADIAL
00365	LIQUID SCRUBBERS	VENTURI SCRUBBERS	VENTRI ROD
01191	LIQUID SCRUBBERS	VENTURI SCRUBBERS	VENTRI-CLONE
00366	LIQUID SCRUBBERS	VENTURI SCRUBBERS	VENTRI-JET LOW E
00367	LIQUID SCRUBBERS	VENTURI SCRUBBERS	VENTURI IMPACTOR
00368	LIQUID SCRUBBERS	VENTURI SCRUBBERS	VENTURI-SLOT
00369	LIQUID SCRUBBERS	VENTURI SCRUBBERS	VENTURI-SORBER
00370	LIQUID SCRUBBERS	VENTURI SCRUBBERS	VENTURI-SPHERE
01192	LIQUID SCRUBBERS	VENTURI SCRUBBERS	VORTEX
00371	LIQUID SCRUBBERS	VENTURI SCRUBBERS	WET APPROACH
00372	LIQUID SCRUBBERS	VENTURI SCRUBBERS	WET-TYPE
00373	LIQUID SCRUBBERS	WETTED WALL COLUMNS	MULTITUBE COLUMN
00374	LIQUID SCRUBBERS	WETTED WALL COLUMNS	SINGLE TUBE
00393	MECHANICAL COLLECTOR	CYCLONES	AMERCLONE
00394	MECHANICAL COLLECTOR	CYCLONES	DUCLONE
00395	MECHANICAL COLLECTOR	CYCLONES	DUSKOLECTOR
00396	MECHANICAL COLLECTOR	CYCLONES	DUSTEX MINATURE
01242	MECHANICAL COLLECTOR	CYCLONES	IMPELLER
00397	MECHANICAL COLLECTOR	CYCLONES	MULTICLONE
01243	MECHANICAL COLLECTOR	CYCLONES	MULTIPLE CYCLONE
01244	MECHANICAL COLLECTOR	CYCLONES	REVERSE-FLOW
00398	MECHANICAL COLLECTOR	CYCLONES	SCROLL-TYPE
00399	MECHANICAL COLLECTOR	CYCLONES	SIROCCO TYPE D
01245	MECHANICAL COLLECTOR	CYCLONES	STRAIGHT-THROUGH-FLW
00400	MECHANICAL COLLECTOR	CYCLONES	TERMIX TUBE
00401	MECHANICAL COLLECTOR	CYCLONES	TYPE R ROTO-CLONE

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00402	MECHANICAL COLLECTOR	CYCLONES	UNIFLOW
00403	MECHANICAL COLLECTOR	CYCLONES	VAN TONGERAN
00404	MECHANICAL COLLECTOR	CYCLONES	2-STAGE HORIZONTAL
01246	MECHANICAL COLLECTOR	MISCELLANEOUS DEVICES	BAFFLED CHAMBER
01247	MECHANICAL COLLECTOR	MISCELLANEOUS DEVICES	DYNAMIC COLLECTOR
00405	MECHANICAL COLLECTOR	MISCELLANEOUS DEVICES	INERTIAL COLLECTORS
00406	MECHANICAL COLLECTOR	MISCELLANEOUS DEVICES	ROTARY STREAM DUST COL
00407	MECHANICAL COLLECTOR	MISCELLANEOUS DEVICES	SETTLING CHAMBER
00408	MECHANICAL COLLECTOR	MISCELLANEOUS DEVICES	SIROCCO CINDER FAN
01248	MECHANICAL COLLECTOR	MISCELLANEOUS DEVICES	SKIMMING CHAMBER
00409	MECHANICAL COLLECTOR	MISCELLANEOUS DEVICES	SPIN VANE SEPARATOR
00410	MECHANICAL COLLECTOR	MISCELLANEOUS DEVICES	TYPE D ROTOCLONE
00411	MECHANICAL COLLECTOR	MISCELLANEOUS DEVICES	VENTURI DUST TRAP
00412	MECHANICAL COLLECTOR	MIST ELIMINATORS	AERODYNE COLLECTOR
00413	MECHANICAL COLLECTOR	MIST ELIMINATORS	BRINK
00414	MECHANICAL COLLECTOR	MIST ELIMINATORS	B-GON
00415	MECHANICAL COLLECTOR	MIST ELIMINATORS	CENTRIF ENTRAIN SEP
01249	MECHANICAL COLLECTOR	MIST ELIMINATORS	COLAG
01250	MECHANICAL COLLECTOR	MIST ELIMINATORS	DEMISTER
01251	MECHANICAL COLLECTOR	MIST ELIMINATORS	FLEXIMESH SEPARATOR
00416	MECHANICAL COLLECTOR	MIST ELIMINATORS	FLICK SEPARATOR
01252	MECHANICAL COLLECTOR	MIST ELIMINATORS	FUME SCRUBBER
00417	MECHANICAL COLLECTOR	MIST ELIMINATORS	HI-EF PURIFIER
01253	MECHANICAL COLLECTOR	MIST ELIMINATORS	HYPERFIL PACKING
01254	MECHANICAL COLLECTOR	MIST ELIMINATORS	IN-LINE CENTRIFUGAL
00418	MECHANICAL COLLECTOR	MIST ELIMINATORS	JET IMPACTOR
01255	MECHANICAL COLLECTOR	MIST ELIMINATORS	KNITMESH
01256	MECHANICAL COLLECTOR	MIST ELIMINATORS	KSR VAPOR FILTER
01257	MECHANICAL COLLECTOR	MIST ELIMINATORS	MISKOP
01258	MECHANICAL COLLECTOR	MIST ELIMINATORS	MISTERMESH
00419	MECHANICAL COLLECTOR	MIST ELIMINATORS	MULTIPLE VANE SEP
00420	MECHANICAL COLLECTOR	MIST ELIMINATORS	PACKED BED
00421	MECHANICAL COLLECTOR	MIST ELIMINATORS	PEERLESS LINE SEP
00422	MECHANICAL COLLECTOR	MIST ELIMINATORS	PL SEPARATOR
00423	MECHANICAL COLLECTOR	MIST ELIMINATORS	REV NOZ IMPINGE SEP
00424	MECHANICAL COLLECTOR	MIST ELIMINATORS	SBM
00425	MECHANICAL COLLECTOR	MIST ELIMINATORS	SERPENTINE VANE
00426	MECHANICAL COLLECTOR	MIST ELIMINATORS	STAGGERED CHANNELS
00427	MECHANICAL COLLECTOR	MIST ELIMINATORS	STRONG SEPARATOR
01259	MECHANICAL COLLECTOR	MIST ELIMINATORS	SULZER PACKING
00428	MECHANICAL COLLECTOR	MIST ELIMINATORS	TYPE E HORIZ SEP
01260	MECHANICAL COLLECTOR	MIST ELIMINATORS	TYPE RA LINE SEPARAT
00429	MECHANICAL COLLECTOR	MIST ELIMINATORS	TYPE "T"ENTRAIN SEP
00430	MECHANICAL COLLECTOR	MIST ELIMINATORS	VANE TYPE
00431	MECHANICAL COLLECTOR	MIST ELIMINATORS	WARE PLATE
00432	MECHANICAL COLLECTOR	MIST ELIMINATORS	WET FIBER
00433	MECHANICAL COLLECTOR	MIST ELIMINATORS	WIRE MESH
00722	SOLID SORBENTS	ADSORBENT TYPES	ACTIVE ALUMINA
00723	SOLID SORBENTS	ADSORBENT TYPES	AMBERSORB CARBONACE

TERMS-02B
CONTROL SYSTEMS LISTING
04/16/80
MEDIA: AIR

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00724	SOLID SORBENTS	ADSORBENT TYPES	ANHYDROUS CASO4
00725	SOLID SORBENTS	ADSORBENT TYPES	CARBON-COAL
00726	SOLID SORBENTS	ADSORBENT TYPES	CARBON-PEAT
00727	SOLID SORBENTS	ADSORBENT TYPES	CARBON-PETROLEUM
00728	SOLID SORBENTS	ADSORBENT TYPES	CARBON-SHELL
00729	SOLID SORBENTS	ADSORBENT TYPES	CARBON-WOOD
00730	SOLID SORBENTS	ADSORBENT TYPES	IRON OXIDE
00731	SOLID SORBENTS	ADSORBENT TYPES	MAGNESIA
00732	SOLID SORBENTS	ADSORBENT TYPES	MAGNESIA-SILICA GEL
00733	SOLID SORBENTS	ADSORBENT TYPES	PHENOLIC RESIN
00734	SOLID SORBENTS	ADSORBENT TYPES	SILICA GEL
00735	SOLID SORBENTS	ADSORBENT TYPES	ZEOLITES
00736	SOLID SORBENTS	ADSORPTION EQUIPMENT	CANISTER TYPE
00737	SOLID SORBENTS	ADSORPTION EQUIPMENT	CORRUGATED BED TYPE
00738	SOLID SORBENTS	ADSORPTION EQUIPMENT	FLUIDIZED BED
00739	SOLID SORBENTS	ADSORPTION EQUIPMENT	NONREGENERATIVE
00740	SOLID SORBENTS	ADSORPTION EQUIPMENT	REGENERATIVE
00741	SOLID SORBENTS	ADSORPTION EQUIPMENT	THICK BED
00742	SOLID SORBENTS	ADSORPTION EQUIPMENT	THIN/FIXED BED
00743	SOLID SORBENTS	ADSORPTION PROCESSES	ALKALIZED ALUMINA
00744	SOLID SORBENTS	ADSORPTION PROCESSES	AMMSOX PROCESS
00745	SOLID SORBENTS	ADSORPTION PROCESSES	ANTICARBONE
00746	SOLID SORBENTS	ADSORPTION PROCESSES	BERGHAN-FORSCHUNG
00747	SOLID SORBENTS	ADSORPTION PROCESSES	DAP-MANGANESE OXIDE
00748	SOLID SORBENTS	ADSORPTION PROCESSES	DOLOMITE INJECTION
00749	SOLID SORBENTS	ADSORPTION PROCESSES	FLUID BED ACT CARBON
00750	SOLID SORBENTS	ADSORPTION PROCESSES	HITACHI
00751	SOLID SORBENTS	ADSORPTION PROCESSES	LIGNITE ASH
00752	SOLID SORBENTS	ADSORPTION PROCESSES	LURGI SULFACID
00753	SOLID SORBENTS	ADSORPTION PROCESSES	PRESSURE SWING
00754	SOLID SORBENTS	ADSORPTION PROCESSES	PURASIV HR SYSTEM
00755	SOLID SORBENTS	ADSORPTION PROCESSES	REINLUFF PROCESS

TABLE A-4(b). CONTROL DEVICE/TREATMENT PROCESS (LIQUID)

E N V I R O N M E N T A L   A S S E S S M E N T   D A T A   S Y S T E M S

TERMS-02B
CONTROL SYSTEMS LISTING
MEDIA: LIQUID
04/16/80

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00788	ABSORPTION	ACTIVATED CARBON PROCESSES	HYDROLYSISS ADORPTION
00789	ABSORPTION	GRANULAR ABSORBENT SYSTEMS	DOWNFLOW FIXED BED
00790	ABSORPTION	GRANULAR ABSORBENT SYSTEMS	EXPANDED BED
00791	ABSORPTION	GRANULAR ABSORBENT SYSTEMS	MOVING BED
00792	ABSORPTION	GRANULAR ABSORBENT SYSTEMS	UPFLOW AIR FLUID BED
00793	ABSORPTION	GRANULAR ABSORBENT SYSTEMS	UPFLOW FIXED BED
00794	ABSORPTION	OTHER ABSORPTION PROCESS	ACTIVATED ALUMINA
00795	ABSORPTION	OTHER ABSORPTION PROCESS	CARBONACEOUSABSORB
00796	ABSORPTION	OTHER ABSORPTION PROCESS	GRANULAN COND RESINS
00797	ABSORPTION	OTHER 'ABSORPTION PROCESS	GRANULAR ADD POLYMER
00798	ABSORPTION	OTHER ABSORPTION PROCESS	HAY FILTER
00799	ABSORPTION	OTHER ABSORPTION PROCESS	HYDROXYAPATITE
00800	ABSORPTION	POWDERED ABSORBENT SYSTEMS	SINGLE-STG CONTACT
00801	ABSORPTION	POWDERED ABSORBENT SYSTEMS	TUBE CARBON CARTRIDG
00802	ABSORPTION	POWDERED ABSORBENT SYSTEMS	2-STG COUNTERCURRENT
00803	ABSORPTION	POWDERED ABSORBENT SYSTEMS	3-STEP ONCE THRU
00001	ADSORPTION	ACTIVATED CARBON PROCESSES	HYDROLYSIS ADSORP
00002	ADSORPTION	ACTIVATED CARBON PROCESSES	POWERED/ACT SLUDGE
00003	ADSORPTION	ACTIVATED CARBON PROCESSES	REGENERATION-BIOLOGI
00004	ADSORPTION	ACTIVATED CARBON PROCESSES	REGENERATION-CHEMICA
00005	ADSORPTION	ACTIVATED CARBON PROCESSES	REGENERATION-SOLVENT
00006	ADSORPTION	ACTIVATED CARBON PROCESSES	REGENERATION-STEAM
00007	ADSORPTION	CTIVATED CARBON PROCESSES	REGENERATION-THERMAL
00008	ADSORPTION	GRANULAR ADSORPTION SYSTEMS	DOWNFLOW FIXED BED
00009	ADSORPTION	GRANULAR ADSORPTION SYSTEMS	EXPANDED BED
00010	ADSORPTION	GRANULAR ADSORPTION SYSTEMS	MOVING BED
00011	ADSORPTION	OTHER ADSORPTION PROCESSES	ACTIVATED ALUMINA
00012	ADSORPTION	OTHER ADSORPTION PROCESSES	GRANULAR ADD POLYMER
00013	ADSORPTION	OTHER ADSORPTION PROCESSES	GRANULAR COND RESINS
00014	ADSORPTION	POWDERED ADSORPTION SYSTEMS	SINGLE STG CONTRACTG
00015	ADSORPTION	POWDERED ADSORPTION SYSTEMS	2-STG COUNTERCURRENT
00016	ADSORPTION	POWDERED ADSORPTION SYSTEMS	3-STEP ONCE THROUGH
00804	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	CLARAETOR
00805	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	COMB SETTLING/CONTIN
00806	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	COMPLETELY MIXED
00017	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	EXTENDED AERATION
00018	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	HIGH RATE PROCESS
00807	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	KRAUS PROCESS
00808	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	MOD AC H2O PVT
00809	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	MODIFIED AERATION
00810	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	NUTRIFICATION
00811	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	OZ NUTRIFICATION
00812	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	OZ SPARGER
00813	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	OZ SURFACE AERATION
00019	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	PLUG FLOW PROCESS
00814	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	SIMPLEX OXYGENATION
00815	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	SPIRAL FLOW CONVENT
00816	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	SPIROVORTEX
00817	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	STEP AERATION

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00818	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	TAPERED AERATION
00819	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	UNOX SYSTEM
00820	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	ZURN-ATTISHOLZ 2-STG
00821	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	2-STG CONTACT STABIL
00822	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	2-STG NUTRIFICATION
00020	BIOLOGICAL PROCESSES	AERATED LAGOONS	AERATED OXIDAT PONDS
00021	BIOLOGICAL PROCESSES	AERATED LAGOONS	MULTI OXIDAT DITCH
00022	BIOLOGICAL PROCESSES	AERATED LAGOONS	SINGLE OXIDAT DITCH
00023	BIOLOGICAL PROCESSES	AEROBIC LAGOONS	RIPRAP LINED
00024	BIOLOGICAL PROCESSES	AEROBIC LAGOONS	SYNTHETICALLY LINED
00025	BIOLOGICAL PROCESSES	ANAEROBIC	ANAEROBIC LAGOON
00026	BIOLOGICAL PROCESSES	ANAEROBIC	DENITRIFICATION
00027	BIOLOGICAL PROCESSES	ANAEROBIC	DIGESTION
00779	BIOLOGICAL PROCESSES	FACULTATIVE POND/LAGOON	EQUALIZATION
00028	BIOLOGICAL PROCESSES	FACULTATIVE POND/LAGOON	MULTIPOND
00029	BIOLOGICAL PROCESSES	FACULTATIVE POND/LAGOON	RAW SEWAGE
00823	BIOLOGICAL PROCESSES	OTHER AEROBIC SYSTEMS	BIO-DRUM
00824	BIOLOGICAL PROCESSES	OTHER AEROBIC SYSTEMS	CLARIGESTOR
00825	BIOLOGICAL PROCESSES	OTHER AEROBIC SYSTEMS	HY-FLO FLUIDIZED BED
00826	BIOLOGICAL PROCESSES	OTHER AEROBIC SYSTEMS	ROTATING BIO SURFACF
00030	BIOLOGICAL PROCESSES	OTHER BIOLOGICAL PROCESSES	BIOLOGICAL CONTRACTR
00031	BIOLOGICAL PROCESSES	OTHER BIOLOGICAL PROCESSES	BIOLOGICAL COOL TWR
00032	BIOLOGICAL PROCESSES	OTHER BIOLOGICAL PROCESSES	BIOLOGICAL DISC
00827	BIOLOGICAL PROCESSES	TRICKLING FILTERS	ACTIVATED BIO-FILTRA
00033	BIOLOGICAL PROCESSES	TRICKLING FILTERS	AEROBLOCK MEDIA
00828	BIOLOGICAL PROCESSES	TRICKLING FILTERS	CONTACT AERATION
00829	BIOLOGICAL PROCESSES	TRICKLING FILTERS	DOWPAC MEDIA
00830	BIOLOGICAL PROCESSES	TRICKLING FILTERS	DUO-DISTRIBUTOR
00831	BIOLOGICAL PROCESSES	TRICKLING FILTERS	FILTER-AERATOR COMB
00832	BIOLOGICAL PROCESSES	TRICKLING FILTERS	FLORCOR
00833	BIOLOGICAL PROCESSES	TRICKLING FILTERS	HI RATE MULTIPE STG
00834	BIOLOGICAL PROCESSES	TRICKLING FILTERS	HI RATE SINGLE STG
00835	BIOLOGICAL PROCESSES	TRICKLING FILTERS	MULTIPLE STAGE
00836	BIOLOGICAL PROCESSES	TRICKLING FILTERS	PACK TOR
00837	BIOLOGICAL PROCESSES	TRICKLING FILTERS	POLYGRID
00838	BIOLOGICAL PROCESSES	TRICKLING FILTERS	REDWOOD MEDIN
00034	BIOLOGICAL PROCESSES	TRICKLING FILTERS	RING-TYPE MEDIA
00035	BIOLOGICAL PROCESSES	TRICKLING FILTERS	ROCK MEDIA
00839	BIOLOGICAL PROCESSES	TRICKLING FILTERS	SINGLE STAGE
00840	BIOLOGICAL PROCESSES	TRICKLING FILTERS	SURFACE MEDIA
00849	CENTRIFUGATION	BASKET CENTRIFUGES	AUTO BATCH HORIZ
00036	CENTRIFUGATION	BASKET CENTRIFUGES	BASE-BEARING
00841	CENTRIFUGATION	BASKET CENTRIFUGES	BROADBENT CONE BOWL
00037	CENTRIFUGATION	BASKET CENTRIFUGES	CARPENTER FILTER
00842	CENTRIFUGATION	BASKET CENTRIFUGES	CONE SCREEN
00843	CENTRIFUGATION	BASKET CENTRIFUGES	CONE SLIP DISCH
00844	CENTRIFUGATION	BASKET CENTRIFUGES	CONE TORS VIBR DISCH
00850	CENTRIFUGATION	BASKET CENTRIFUGES	HORIZ SCREEN-CONVEY
00038	CENTRIFUGATION	BASKET CENTRIFUGES	LINK-SUSPENDED BATCH

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00845	CENTRIFUGATION	BASKET CENTRIFUGES	MERCONE SCREENING
00846	CENTRIFUGATION	BASKET CENTRIFUGES	RECIP PUSH CONE SCRN
00851	CENTRIFUGATION	BASKET CENTRIFUGES	RECIP PUSH MULTI-STG
00852	CENTRIFUGATION	BASKET CENTRIFUGES	RECIP PUSH SNGLE STG
00853	CENTRIFUGATION	BASKET CENTRIFUGES	TOP SUSPENDED
00854	CENTRIFUGATION	BASKET CENTRIFUGES	VERTICAL CONVEYOR
00847	CENTRIFUGATION	BASKET CENTRIFUGES	VIBR CONICAL HORIZON
00848	CENTRIFUGATION	BASKET CENTRIFUGES	VIBR CONICAL VERTICL
00855	CENTRIFUGATION	BASKET CENTRIFUGES	WIDE-ANGLE CONE SCRE
00039	CENTRIFUGATION	DISC CENTRIFUGES	BOTTOM SUPPORTED
00856	CENTRIFUGATION	DISC CENTRIFUGES	DOUBLE OVERFLOW
00857	CENTRIFUGATION	DISC CENTRIFUGES	HERMETIC
00858	CENTRIFUGATION	DISC CENTRIFUGES	LIGHT PHASE SKIMMER
00040	CENTRIFUGATION	DISC CENTRIFUGES	MANUAL DISCHARGE
00859	CENTRIFUGATION	DISC CENTRIFUGES	NOZZLE DISCH
00860	CENTRIFUGATION	DISC CENTRIFUGES	NOZZLE DISCH W/RECIR
00861	CENTRIFUGATION	DISC CENTRIFUGES	PERIPH-ANNULUS DISCH
00041	CENTRIFUGATION	DISC CENTRIFUGES	TOP SUSPENDED
00862	CENTRIFUGATION	DISC CENTRIFUGES	VALVE DISCHARGE
00863	CENTRIFUGATION	HYDROCYCLONES	AUTO DISCH CYCLONES
00042	CENTRIFUGATION	HYDROCYCLONES	CLASSIFYING CYCLONE
00864	CENTRIFUGATION	HYDROCYCLONES	CYCL GRIT SEP/WASH
00865	CENTRIFUGATION	HYDROCYCLONES	DORRCLONE SEPARATOR
00043	CENTRIFUGATION	HYDROCYCLONES	FINE MIXER CYCLONE
00044	CENTRIFUGATION	HYDROCYCLONES	HYDROCYCLONE
00866	CENTRIFUGATION	HYDROCYCLONES	LAVAL SEPARATOR
00867	CENTRIFUGATION	HYDROCYCLONES	MULTIPLE CYCLONE SYS
00868	CENTRIFUGATION	SOLID BOWL CENTRIFUGES	BOWL/SCREEN SEDIMENT
00869	CENTRIFUGATION	SOLID BOWL CENTRIFUGES	COCURRENT CONVEYOR
00870	CENTRIFUGATION	SOLID BOWL CENTRIFUGES	HELICAL-CONV CYL CON
00871	CENTRIFUGATION	SOLID BOWL CENTRIFUGES	HELICAL-CONVEYOR CYL
00045	CENTRIFUGATION	SOLID BOWL CENTRIFUGES	KNIFE DISCHARGE
00046	CENTRIFUGATION	SOLID BOWL CENTRIFUGES	MANUAL DISCHARGE
00872	CENTRIFUGATION	SOLID BOWL CENTRIFUGES	MULTI-CHAMBER
00873	CENTRIFUGATION	SOLID BOWL CENTRIFUGES	PODBIELNIAK CONTRACT
00874	CENTRIFUGATION	SOLID BOWL CENTRIFUGES	ROTO-FILTER PUMP
00875	CENTRIFUGATION	SOLID BOWL CENTRIFUGES	TURBO-FLITE
00876	CENTRIFUGATION	SOLID BOWL CENTRIFUGES	TURB-BOWL HI SPEED
00877	CENTRIFUGATION	SOLID BOWL CENTRIFUGES	TWO-STAGE OPERATION
00878	CENTRIFUGATION	SOLID BOWL CENTRIFUGES	VERT HELICAL-CONVEY
00879	CENTRIFUGATION	SOLID BOWL CENTRIFUGES	VORTEX CLARIFIER
00880	COAGULATION	CHEMICAL COAGULANTS	ALUMINUM SALTS
00881	COAGULATION	CHEMICAL COAGULANTS	HOT LIME PROCESS
00882	COAGULATION	CHEMICAL COAGULANTS	IRON SALTS
00883	COAGULATION	CHEMICAL COAGULANTS	LANTHANUM SALTS
00884	COAGULATION	CHEMICAL COAGULANTS	LIME
00885	COAGULATION	CHEMICAL COAGULANTS	MAGNESIUM OXIDE
00886	COAGULATION	COAGULANT AIDS	ACTIVATED SILICA
00887	COAGULATION	COAGULANT AIDS	BENTONITE CLAY

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00888	COAGULATION	COAGULANT AIDS	FLY ASH
00889	COAGULATION	COAGULANT AIDS	FOAM CONTROL AGENTS
00890	COAGULATION	COAGULANT AIDS	RECYCLED SLUDGE
00891	COAGULATION	COAGULANT AIDS	SODIUM SILICATE
00895	CONCENTRATION	FREEZE CONCENTRATION	DIRECT CONTACT PROC
00896	CONCENTRATION	FREEZE CONCENTRATION	HYDRATE PROCESS
00897	CONCENTRATION	FREEZE CONCENTRATION	PRESSURE PROCESS
00898	CONCENTRATION	FREEZE CONCENTRATION	SINGLE STAGE
00899	CONCENTRATION	FREEZE CONCENTRATION	VACUUM PROCESS
00900	CONCENTRATION	FREEZE CONCENTRATION	ZARCHIN-COLT PROCESS
00063	COOLING	COOLING PONDS	BAFFLED PONDS
00064	COOLING	COOLING PONDS	COOLING POND
00901	COOLING	COOLING PONDS	INDUCED AIR SPRAY
00065	COOLING	COOLING PONDS	SPRAY POND
00902	COOLING	COOLING PONDS	THERMAL-ROTOR SPRAY
00903	COOLING	DRY COOLING TOWERS	HELLER NAT DRAFT
00904	COOLING	DRY COOLING TOWERS	INDUCED DRAFT HELLER
00905	COOLING	DRY COOLING TOWERS	MECH DRAFT DIRECT
00906	COOLING	DRY COOLING TOWERS	NAT DRAFT DIRECT
00066	COOLING	WET COOLING TOWERS	COUNTERFLOW-IND DRAF
00067	COOLING	WET COOLING TOWERS	XFLOW-NAT DRAFT PACK
00068	COOLING	WET COOLING TOWERS	XFLOW-NAT DRAFT SPRA
00907	COOLING	WET TOWERS	COUNTERFLOW NAT DRAFT
00908	COOLING	WET TOWERS	FAN-ASST NAT DRAFT
00909	COOLING	WET TOWERS	FORCED DRAFT
00910	COOLING	WET TOWERS	IND DRAFT SPRAY
00911	COOLING	WET TOWERS	PARALLEL WET-DRY
00912	COOLING	WET TOWERS	XFLOW NATURAL DRAFT
00913	COOLING	WET TOWERS	1-ENTRY X FLOW ID
00914	COOLING	WET TOWERS	2-ENTRY XFLOW ID
00069	DEMULSIFICATION	DEMULSIFYING PROCESSES	ACID TREATMENT
00915	DEMULSIFICATION	DEMULSIFYING PROCESSES	ALKALI TREATMENT
00916	DEMULSIFICATION	DEMULSIFYING PROCESSES	CALCIUM CHLORIDE
00917	DEMULSIFICATION	DEMULSIFYING PROCESSES	DISTILLATION
00918	DEMULSIFICATION	DEMULSIFYING PROCESSES	ELECTRICIAL METHODS
00919	DEMULSIFICATION	DEMULSIFYING PROCESSES	HEAT TREATMENT
00920	DEMULSIFICATION	DEMULSIFYING PROCESSES	HOLLOW FIBER
00070	DEMULSIFICATION	DEMULSIFYING PROCESSES	MAGNESIUM CHLORIDE
00921	DEMULSIFICATION	DEMULSIFYING PROCESSES	OIL ADDITION
00071	DEMULSIFICATION	DEMULSIFYING PROCESSES	REGULAR DEMULSIFIERS
00922	DEMULSIFICATION	DEMULSIFYING PROCESSES	REVERSE DEMULSIFIERS
00923	DEMULSIFICATION	DEMULSIFYING PROCESSES	SODIUM CARBONATE
00072	DISTILLATION	DISTILLATION PROCESSES	MOLECULAR
00073	DISTILLATION	DISTILLATION PROCESSES	PACKED TOWER COLUMNS
00074	DISTILLATION	DISTILLATION PROCESSES	PLATE TYPE COLUMNS
00942	EVAPORATION	EVAPORATION PROCESSES	MULTIPLE EFFECT
00943	EVAPORATION	EVAPORATION PROCESSES	VACUUM EVAPORATION
00944	EVAPORATION	EVAPORATION PROCESSES	VAPOR REHEAT PROCESS
00945	EVAPORATION	FILM TYPE EVAPORATOR	AQUA CHEM SPRAY FILM

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00946	EVAPORATION	FILM TYPE EVAPORATOR	FALLING FILM PLATE
00947	EVAPORATION	FILM TYPE EVAPORATOR	PARAVAP
00948	EVAPORATION	FILM TYPE EVAPORATOR	PFANDLER WIPED-FILM
00949	EVAPORATION	FILM TYPE EVAPORATOR	RISE/FALL FILM PLATE
00950	EVAPORATION	FILM TYPE EVAPORATOR	RISE/FALL FILM TUBE
00951	EVAPORATION	FILM TYPE EVAPORATOR	ROTOTHERM THIN-FILM
00083	EVAPORATION	FILM TYPE EVAPORATORS	AGITATED FILM
00084	EVAPORATION	FILM TYPE EVAPORATORS	LONG TUBE VERTICAL
00952	EVAPORATION	HEATED TANKS & VESSELS	CASCADE EVAP
00085	EVAPORATION	HEATED TANKS & VESSELS	CHANNEL-SWITCH EVAP
00953	EVAPORATION	HEATED TANKS & VESSELS	DIRECT HEAT TRANSFER
00086	EVAPORATION	HEATED TANKS & VESSELS	JACKET KETTLES
00954	EVAPORATION	HEATED TANKS & VESSELS	PORCUPINE PROCESSOR
00955	EVAPORATION	HEATED TANKS & VESSELS	ROTAT DISC EVAP
00956	EVAPORATION	HEATED TANKS & VESSELS	SUBMERG COMB EVAP
00087	EVAPORATION	HEATED TANKS & VESSELS	TANKS/COILED TUBES
00957	EVAPORATION	PONDS & LAGOONS	EXTERNAL HEATED POND
00958	EVAPORATION	PONDS & LAGOONS	SOLAR HEATED PONDS
00959	EVAPORATION	SPRAY EVAPORATORS	CENTRIFUGAL
00960	EVAPORATION	SPRAY EVAPORATORS	CENTRIFUGAL DISK
00088	EVAPORATION	SPRAY EVAPORATORS	HORIZ SPRAY CHAMBER
00961	EVAPORATION	SPRAY EVAPORATORS	PRESSURE NOZZLE
00962	EVAPORATION	SPRAY EVAPORATORS	TWO-FLUID NOZZLE
00089	EVAPORATION	SPRAY EVAPORATORS	VERT DIRECT CONTACT
00091	EVAPORATION	THERMOCOMPRESSION EVAPORATION	MECHANICAL HEATING
00092	EVAPORATION	THERMOCOMPRESSION EVAPORATION	SECONDARY FLUID HTIG
00093	EVAPORATION	THERMOCOMPRESSION EVAPORATION	STEAM JET HEATING
00090	EVAPORATION	THERMOCOMPRESSION EVAPORATION	VERT INDIRECT HEAT
00963	EVAPORATION	TUBULAR EVAPORATORS	ARTISAN CONTINUOUS
00964	EVAPORATION	TUBULAR EVAPORATORS	ARTISAN MULTI-STG
00965	EVAPORATION	TUBULAR EVAPORATORS	BENT-TUBE HORIZ
00094	EVAPORATION	TUBULAR EVAPORATORS	FORCED CIRCULATION
00095	EVAPORATION	TUBULAR EVAPORATORS	HORIZONTAL FIRE
00096	EVAPORATION	TUBULAR EVAPORATORS	HORIZONTAL STEAM
00966	EVAPORATION	TUBULAR EVAPORATORS	LONG-TUBE VERTICAL
00967	EVAPORATION	TUBULAR EVAPORATORS	OSLO-TYPE CRYSTAL
00968	EVAPORATION	TUBULAR EVAPORATORS	PROPELLER CALANDRIA
00969	EVAPORATION	TUBULAR EVAPORATORS	RECIRC LONG-TUBE
00970	EVAPORATION	TUBULAR EVAPORATORS	SHORT TUBE VERTICAL
00974	FILTRATION	BAG FILTERS	AES 3600 STRAINER
00975	FILTRATION	BAG FILTERS	END OF PIPE
00976	FILTRATION	BAG FILTERS	GRAVITY
00977	FILTRATION	BAG FILTERS	PRESSURE
00978	FILTRATION	CARTRIDGE FILTERS	BACKFLUSH ANNULAR
00979	FILTRATION	CARTRIDGE FILTERS	CUNO AUTO-KLEAN
00980	FILTRATION	CARTRIDGE FILTERS	CUNO FLO-KLEAN
00981	FILTRATION	CARTRIDGE FILTERS	EDGE
00982	FILTRATION	CARTRIDGE FILTERS	FIBER CARTRIDGE
00983	FILTRATION	CARTRIDGE FILTERS	LINED TUBULAR

ENVIRONMENTAL ASSESSMENT DATA SYSTEMS

TERMS-02B
MEDIA: LIQUID

CONTROL SYSTEMS LISTING
04/16/80

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00984	FILTRATION	CARTRIDGE FILTERS	PACKED CARTRIDGE
00985	FILTRATION	CARTRIDGE FILTERS	POROUS STONE
00986	FILTRATION	CARTRIDGE FILTERS	REGEN DE
00987	FILTRATION	CARTRIDGE FILTERS	RESIN-IMPREG PAPER
00988	FILTRATION	CARTRIDGE FILTERS	WOUND WIRE
00989	FILTRATION	DISC FILTERS	DISC CLARIFYING
00129	FILTRATION	DISC FILTERS	HORIZONTAL
00130	FILTRATION	DISC FILTERS	PRESSURE TYPE
00990	FILTRATION	DISC FILTERS	ROTO-DISC CLARIFIER
00131	FILTRATION	DISC FILTERS	VERTICAL
00132	FILTRATION	DRUM FILTERS	BELT TYPE
00991	FILTRATION	DRUM FILTERS	BURT FILTER
00992	FILTRATION	DRUM FILTERS	COIL-TYPE FILTER
00993	FILTRATION	DRUM FILTERS	COMPRESSION FILTER
00994	FILTRATION	DRUM FILTERS	CONTIN PRESSURE
00995	FILTRATION	DRUM FILTERS	HEATED-BELT DISCH
00996	FILTRATION	DRUM FILTERS	INTERNAL FEED
00997	FILTRATION	DRUM FILTERS	PERMUTIT DCG
00998	FILTRATION	DRUM FILTERS	PRECOAT FILTER
00999	FILTRATION	DRUM FILTERS	ROLL DISCHARGE
01000	FILTRATION	DRUM FILTERS	ROTARY HOPPER
01001	FILTRATION	DRUM FILTERS	ROTO-PLUG THICKENER
00133	FILTRATION	DRUM FILTERS	SCRAPER DISCHARGE
01002	FILTRATION	DRUM FILTERS	SINGLE SECTION VACUU
01003	FILTRATION	DRUM FILTERS	STRING DISCHARGE
00134	FILTRATION	DRUM FILTERS	TOP FEED
01004	FILTRATION	FILTER PRESSES	CARVER HYDRALIC
01053	FILTRATION	FILTER PRESSES	CENTER FILLING PRESS
01005	FILTRATION	FILTER PRESSES	DISC PRESS
01006	FILTRATION	FILTER PRESSES	EIMCO-BURWELL
01007	FILTRATION	FILTER PRESSES	FLOCPRESS
01008	FILTRATION	FILTER PRESSES	GRANGER
01009	FILTRATION	FILTER PRESSES	MAGNUM PRESS
01054	FILTRATION	FILTER PRESSES	MERRIL PRESS
01010	FILTRATION	FILTER PRESSES	MULTI-ROLL DEWATER
01011	FILTRATION	FILTER PRESSES	ROLL-OVER
01055	FILTRATION	FILTER PRESSES	SCREW PRESS
01056	FILTRATION	FILTER PRESSES	SHEET FILTER
01057	FILTRATION	FILTER PRESSES	SHORT-CYCLE FILTER
01058	FILTRATION	FILTER PRESSES	SHRIVER CONTIN THICK
01012	FILTRATION	FILTER PRESSES	SIMPLE WASH
01013	FILTRATION	FILTER PRESSES	TANK ENCLOSED
01014	FILTRATION	FILTER PRESSES	THOROUGH WASH
01015	FILTRATION	FILTER PRESSES	TUBE
01016	FILTRATION	FILTER PRESSES	TWO STAGE
01017	FILTRATION	FILTER PRESSES	VARI-NIP TWIN-ROLL
01018	FILTRATION	FILTRATION PROCESSES	BASIC EXTRACTIVE
01019	FILTRATION	FILTRATION PROCESSES	CHEMICAL CONDITIONIN
01020	FILTRATION	FILTRATION PROCESSES	ELUTRIATION

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00135	FILTRATION	FILTRATION PROCESSES	MAGNETIC FILTER
00136	FILTRATION	FILTRATION PROCESSES	MAGNETIC TRAP
01021	FILTRATION	FILTRATION PROCESSES	PORTEOUS PROCESS
00137	FILTRATION	FILTRATION PROCESSES	THERMAL CONDITIONING
01022	FILTRATION	GRANULAR BED FILTERS	ACTIVATED CARBON
00138	FILTRATION	GRANULAR BED FILTERS	ANTHRACITE
01023	FILTRATION	GRANULAR BED FILTERS	AUTO BACKWASH
00139	FILTRATION	GRANULAR BED FILTERS	CLOSED TANK BED
00140	FILTRATION	GRANULAR BED FILTERS	DEEP BED
01024	FILTRATION	GRANULAR BED FILTERS	DUAL LAYER
01025	FILTRATION	GRANULAR BED FILTERS	DUAL-FLOW
01059	FILTRATION	GRANULAR BED FILTERS	ELECTRO-FILTER SEPAR
01026	FILTRATION	GRANULAR BED FILTERS	GROUND LEVEL OUTDOOR
01027	FILTRATION	GRANULAR BED FILTERS	HARDINGE SUPER THICK
01028	FILTRATION	GRANULAR BED FILTERS	HORIZ PRESSURE
01029	FILTRATION	GRANULAR BED FILTERS	HYDRO-CLEAR CELL
01030	FILTRATION	GRANULAR BED FILTERS	INTERMITTENT SAND
01031	FILTRATION	GRANULAR BED FILTERS	MIXED MEDIA
01060	FILTRATION	GRANULAR BED FILTERS	MONOVALVE AUTO GRAV
01032	FILTRATION	GRANULAR BED FILTERS	MOVING BED
01033	FILTRATION	GRANULAR BED FILTERS	MULTI-LAYER W/AIR SC
01034	FILTRATION	GRANULAR BED FILTERS	RADIAL FLOW
01035	FILTRATION	GRANULAR BED FILTERS	RAPID SAND
00780	FILTRATION	GRANULAR BED FILTERS	SAND FILTER
01036	FILTRATION	GRANULAR BED FILTERS	SLOW SAND
01037	FILTRATION	GRANULAR BED FILTERS	TRAVELING BRIDGE
01038	FILTRATION	GRANULAR BED FILTERS	ULTRA-HIGH RATE
01039	FILTRATION	GRANULAR BED FILTERS	UPFLOW
01040	FILTRATION	GRANULAR BED FILTERS	VERT PRESSURE
01041	FILTRATION	HORIZONTAL FILTERS	BATCH PAN FILTER
01042	FILTRATION	HORIZONTAL FILTERS	CALDECOTT TABLE
01043	FILTRATION	HORIZONTAL FILTERS	CONTIN VACUUM BELT
01044	FILTRATION	HORIZONTAL FILTERS	DELPARK INDUSTRIAL
01045	FILTRATION	HORIZONTAL FILTERS	DISK AND PLATE
01046	FILTRATION	HORIZONTAL FILTERS	DISPOSABLE PAPER
00141	FILTRATION	HORIZONTAL FILTERS	GRAVITY NUTSCHE
01047	FILTRATION	HORIZONTAL FILTERS	HORIZ TABLE FILTER
01048	FILTRATION	HORIZONTAL FILTERS	HORIZONTAL PLATE
00142	FILTRATION	HORIZONTAL FILTERS	PRESSURE NUTSCHE
01049	FILTRATION	HORIZONTAL FILTERS	PULP FILTER
01050	FILTRATION	HORIZONTAL FILTERS	RODNEY HUNT PRESSURE
01051	FILTRATION	HORIZONTAL FILTERS	TILTING PAN FILTER
00143	FILTRATION	HORIZONTAL FILTERS	VACUUM NUTSCHE
01052	FILTRATION	HORIZONTAL FILTERS	VACU-MATIC FILTER
01061	FILTRATION	LEAF FILTERS	GENTER FILTER THICK
01062	FILTRATION	LEAF FILTERS	HORIZ CONTIN PRESSUR
01063	FILTRATION	LEAF FILTERS	HORIZ LEAF
01064	FILTRATION	LEAF FILTERS	HORIZ PRESSURE LEAF
00144	FILTRATION	LEAF FILTERS	KELLY

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
01065	FILTRATION	LEAF FILTERS	MOORE FILTER
00145	FILTRATION	LEAF FILTERS	SWEETLAND
00146	FILTRATION	LEAF FILTERS	VALLEZ
01066	FILTRATION	LEAF FILTERS	VERTICAL PRESSURE
00147	FILTRATION	PIPELINE FILTERS/STRAINERS	GRAVITY
00148	FILTRATION	PIPELINE FILTERS/STRAINERS	PRESSURE
00149	FILTRATION	PIPELINE FILTERS/STRAINERS	WOUND WIRE
00150	FILTRATION	PRESSURE FILTERS	AUTOMATIC CLEANING
00151	FILTRATION	PRESSURE FILTERS	PLATE AND FRAME
00152	FILTRATION	PRESSURE FILTERS	RECESSED-PLATE
00153	FILTRATION	TUBULAR FILTERS	INDUSTRIAL TUBULAR
00154	FILTRATION	TUBULAR FILTERS	ULTRA-KLEEN REGEN DE
00155	FILTRATION	TUBULAR FILTERS	VERTICAL PRESSURE
01067	FLASHING	FLASH VAPORIZATION	FLASH ENHANCERS
01068	FLASHING	FLASH VAPORIZATION	FORCED CIRCULATION
01069	FLASHING	FLASH VAPORIZATION	FOUL WATER VAPORIZ
01070	FLASHING	FLASH VAPORIZATION	MULTIPLE EFFECT
01071	FLASHING	FLASH VAPORIZATION	SINGLE EFFECT MULTI
01072	FLASHING	FLASH VAPORIZATION	VERT TUBE/MULTISTG
00443	FLOCCULATION	FLOCCULATORS	HORIZONTAL PADDLE
00444	FLOCCULATION	FLOCCULATORS	INCLINED PADDLE
00445	FLOCCULATION	FLOCCULATORS	VERTICAL PADDLE
01073	FLOCCULATION	MISCELLANEOUS FLOCCULATORS	AIR FLOCCULATOR
01074	FLOCCULATION	MISCELLANEOUS FLOCCULATORS	CORRUGATED PLATE
01075	FLOCCULATION	MISCELLANEOUS FLOCCULATORS	MAGNETIC FLOCCULATOR
01076	FLOCCULATION	PADDLE FLOCCULATIONS	HORIZONTAL OSCILLATI
01077	FLOCCULATION	PADDLE FLOCCULATIONS	INCLINED
01078	FLOCCULATION	PADDLE FLOCCULATIONS	TANDEM SLOW MIXER
01079	FLOCCULATION	PADDLE FLOCCULATIONS	VERTICAL
01080	FLOCCULATION	PADDLE FLOCCULATORS	HORIZONTAL
01081	FLOCCULATION	POLYELECTRDLYTE FLOCCULANTS	ANIONIC
01082	FLOCCULATION	POLYELECTRDLYTE FLOCCULANTS	CATIONIC
01083	FLOCCULATION	POLYELECTRDLYTE FLOCCULANTS	NONIONIC
01084	FLOCCULATION	POLYELECTRDLYTE FLOCCULANTS	VARIABLE CHARGE
01085	FLOCCULATION	TURBINE FLOCCULATORS	DRAFT TUBE
01086	FLOCCULATION	TURBINE FLOCCULATORS	HORIZONTAL
01087	FLOCCULATION	TURBINE FLOCCULATORS	SLOW-SPEED AXIAL FLO
01088	FLOCCULATION	TURBINE FLOCCULATORS	VERTICAL
01380	FLOTATION	FLOTATION CONDITIONERS	PROMOTERS
00781	FOAM FRACTIONATION	NOT SPECIFIED	NOT SPECIFIED
01116	GAS-LIQUID STRIPPING	STRIPPING EQUIPMENT	ARTISAN CONTINUOUS
01117	GAS-LIQUID STRIPPING	STRIPPING EQUIPMENT	COOLING TOWERS
00186	GAS-LIQUID STRIPPING	STRIPPING EQUIPMENT	PACKED COLUMNS
00187	GAS-LIQUID STRIPPING	STRIPPING EQUIPMENT	PLATE COLUMNS
01118	GAS-LIQUID STRIPPING	STRIPPING EQUIPMENT	REBOILER TYPE
01119	GAS-LIQUID STRIPPING	STRIPPING EQUIPMENT	SPARGERS
00188	GAS-LIQUID STRIPPING	STRIPPING EQUIPMENT	SPRAY COLUMNS
01120	GAS-LIQUID STRIPPING	STRIPPING EQUIPMENT	WETTED WALL COLUMNS
01121	GAS-LIQUID STRIPPING	STRIPPING PROCESSES	COMBINED PROCESS

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
01122	GAS-LIQUID STRIPPING	STRIPPING PROCESSES	FLUE GAS STRIPPING
01123	GAS-LIQUID STRIPPING	STRIPPING PROCESSES	NON-REFLUXED STEAM
01124	GAS-LIQUID STRIPPING	STRIPPING PROCESSES	VACUUM STRIPPING
01125	GAS-LIQUID STRIPPING	STRIPPING PROCESSES	WTT PROCESS
01126	ION EXCHANGE SYSTEMS	COLUMN OPERATION	AMMONIA REMOVAL
01127	ION EXCHANGE SYSTEMS	COLUMN OPERATION	ANION DESILICIZER
01128	ION EXCHANGE SYSTEMS	COLUMN OPERATION	ANIONIC MIXED BED
01129	ION EXCHANGE SYSTEMS	COLUMN OPERATION	BLENDED H-NA DEALKAL
01130	ION EXCHANGE SYSTEMS	COLUMN OPERATION	CATION DEALRALIZER
01131	ION EXCHANGE SYSTEMS	COLUMN OPERATION	CATION MOD MIXED BED
00215	ION EXCHANGE SYSTEMS	COLUMN OPERATION	COCHRANE NEUTRALIZER
01132	ION EXCHANGE SYSTEMS	COLUMN OPERATION	DUAL LAYERED 2-BED
01133	ION EXCHANGE SYSTEMS	COLUMN OPERATION	FOUR-BED PRIMARY
01134	ION EXCHANGE SYSTEMS	COLUMN OPERATION	ORG SCAVENGER TRAP
01135	ION EXCHANGE SYSTEMS	COLUMN OPERATION	POWDEX PROCESS
00216	ION EXCHANGE SYSTEMS	COLUMN OPERATION	PRES TANK ZEOLITE
01136	ION EXCHANGE SYSTEMS	COLUMN OPERATION	2-BED STRONG BASE IX
00217	ION EXCHANGE SYSTEMS	COLUMN OPERATION	2-BED WEAK BASE DEMIN
01137	ION EXCHANGE SYSTEMS	COLUMN OPERATION	3-BED IX
01138	ION EXCHANGE SYSTEMS	COLUMN OPERATION	3-BED MIXED BED
00218	ION EXCHANGE SYSTEMS	CONTINUOUS REGENERATION	ASAHI CONTIN DEMIN
00219	ION EXCHANGE SYSTEMS	CONTINUOUS REGENERATION	CHEM-SEPS PROCESS
01139	ION EXCHANGE SYSTEMS	CONTINUOUS REGENERATION	CNTERCURRENT MOV BED
00220	ION EXCHANGE SYSTEMS	CONTINUOUS REGENERATION	DESOL PROCESS
01140	ION EXCHANGE SYSTEMS	CONTINUOUS REGENERATION	GRAVER CI PROCESS
01141	ION EXCHANGE SYSTEMS	CONTINUOUS REGENERATION	SUL-BI-SUL PROCESS
01142	ION EXCHANGE SYSTEMS	CONTINUOUS REGENERATION	1-TRAIN SOFTENER
01193	LIQUID-LIQUID EXTRAC	CENTRIFUGAL EXTRACTORS	DE LAVAL
01194	LIQUID-LIQUID EXTRAC	CENTRIFUGAL EXTRACTORS	LUWESTA
00375	LIQUID-LIQUID EXTRAC	CENTRIFUGAL EXTRACTORS	PODBIELNIAK
00376	LIQUID-LIQUID EXTRAC	CENTRIFUGAL EXTRACTORS	QUADRONIC
01195	LIQUID-LIQUID EXTRAC	CENTRIFUGAL EXTRACTORS	ROBATEL
00377	LIQUID-LIQUID EXTRAC	CENTRIFUGAL EXTRACTORS	WESTFALIA
01196	LIQUID-LIQUID EXTRAC	DIFFERENTIAL CONTACT GRAV COLUMNS	BEAD PACKING
00378	LIQUID-LIQUID EXTRAC	DIFFERENTIAL CONTACT GRAV COLUMNS	BERL SADDLES
00379	LIQUID-LIQUID EXTRAC	DIFFERENTIAL CONTACT GRAV COLUMNS	ELGIN-END SPRAY TWR
01197	LIQUID-LIQUID EXTRAC	DIFFERENTIAL CONTACT GRAV COLUMNS	INTALOX SADDLES
01198	LIQUID-LIQUID EXTRAC	DIFFERENTIAL CONTACT GRAV COLUMNS	KNIT CLOTH PACKING
01199	LIQUID-LIQUID EXTRAC	DIFFERENTIAL CONTACT GRAV COLUMNS	PALL RINGS
00380	LIQUID-LIQUID EXTRAC	DIFFERENTIAL CONTACT GRAV COLUMNS	RASCHIG RINGS
01200	LIQUID-LIQUID EXTRAC	DIFFERENTIAL CONTACT GRAV COLUMNS	WOODEN HURDLES
01202	LIQUID-LIQUID EXTRAC	EXTRACTION PROCESSES	BARRETT
01203	LIQUID-LIQUID EXTRAC	EXTRACTION PROCESSES	BASIC SLUDGE
01204	LIQUID-LIQUID EXTRAC	EXTRACTION PROCESSES	BENZENE-CAUSTIC
01205	LIQUID-LIQUID EXTRAC	EXTRACTION PROCESSES	CHEMIZON
01206	LIQUID-LIQUID EXTRAC	EXTRACTION PROCESSES	HOLLEY-MOTT
01207	LIQUID-LIQUID EXTRAC	EXTRACTION PROCESSES	IFAWOL
00381	LIQUID-LIQUID EXTRAC	EXTRACTION PROCESSES	JONES AND LAUGHLIN
01201	LIQUID-LIQUID EXTRAC	EXTRACTION PROCESSES	KOPPERS LIGHT OIL EX

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
01208	LIQUID-LIQUID EXTRAC	EXTRACTION PROCESSES	LOWENSTEIN-LOM
01209	LIQUID-LIQUID EXTRAC	EXTRACTION PROCESSES	PHENEX
00382	LIQUID-LIQUID EXTRAC	EXTRACTION PROCESSES	PHENOLICS EXTRACTION
00383	LIQUID-LIQUID EXTRAC	EXTRACTION PROCESSES	PHENOSOLVAN
01210	LIQUID-LIQUID EXTRAC	EXTRACTION PROCESSES	POTT-HILGENSTOCK
01211	LIQUID-LIQUID EXTRAC	EXTRATION PROCESSES	TRICRESY PHOSPHATE
00384	LIQUID-LIQUID EXTRAC	MECH AGITATED/PULSED CONTRACTORS	MULTISTAGE MIXER COL
00385	LIQUID-LIQUID EXTRAC	MECH AGITATED/PULSED CONTRACTORS	ROTARY ANNULAR COL
00386	LIQUID-LIQUID EXTRAC	MECH AGITATED/PULSED CONTRACTORS	ROTATING-DISK
01212	LIQUID-LIQUID EXTRAC	MECHANICALLY AGITATED CON	ASYM ROTATING DISC
01213	LIQUID-LIQUID EXTRAC	MECHANICALLY AGITATED CON	GRAESSER CONTACTOR
01214	LIQUID-LIQUID EXTRAC	MECHANICALLY AGITATED CON	HORIZ PIPELINE EXTRA
01215	LIQUID-LIQUID EXTRAC	MECHANICALLY AGITATED CON	LUHNI COLUMN
01216	LIQUID-LIQUID EXTRAC	MECHANICALLY AGITATED CON	MIXCO COLUMN
01217	LIQUID-LIQUID EXTRAC	MECHANICALLY AGITATED CON	OLDSHUE-RUSHTON COL
01218	LIQUID-LIQUID EXTRAC	MECHANICALLY AGITATED CON	ROTATING-CORE COLUMN
01219	LIQUID-LIQUID EXTRAC	MECHANICALLY AGITATED CON	SCHEIBEL COLUMN
01220	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	AGITATED LINE MIXERS
01221	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	BOFFLED VESSEL
01222	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	DAVY POWERGAS
01223	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	GENERAL MILLS
01224	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	HOLMES & NARVER
01225	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	IMI
00387	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	INJECTORS
00388	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	JET MIXER
01226	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	KEMIRA
01227	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	KERR-MCGEE MULTISTG
01228	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	LURGI HORIZONTAL
01229	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	LURGI VERTICAL
01230	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	MIXING NOZZLE
01231	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	MULTISECTION AGITATE
00389	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	ORIFICE NOZZLE
01232	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	PUMPS
01233	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	PUMP-MIX EXTRACTOR
01234	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	UNBAFFLED VESSEL
01235	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	VALVE
01236	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	VITRO MIXER SETTLER
01237	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	WINDSCALE
01238	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	5-STAGE CASCADE
01239	LIQUID-LIQUID EXTRAC	STAGED CONTACT GRAVITY COLUMNS	BUBBLE CAP TOWER
01240	LIQUID-LIQUID EXTRAC	STAGED CONTACT GRAVITY COLUMNS	CTR-TO-SIDE BFFLE TR
01241	LIQUID-LIQUID EXTRAC	STAGED CONTACT GRAVITY COLUMNS	DISC/DONUT BFFLE TWR
00390	LIQUID-LIQUID EXTRAC	STAGED CONTACT GRAVITY COLUMNS	KOCH TRAY
00391	LIQUID-LIQUID EXTRAC	STAGED CONTACT GRAVITY COLUMNS	PERFORATED PLATE
00392	LIQUID-LIQUID EXTRAC	STAGED CONTACT GRAVITY COLUMNS	SIEVE-PLATE
01261	MEMBRANE PROCESSES	ELECTRODIALYSIS	ANIONIC MEMBRANES
00434	MEMBRANE PROCESSES	ELECTRODIALYSIS	BATCH RECIRCULATION
01262	MEMBRANE PROCESSES	ELECTRODIALYSIS	CATIONIC MEMBRANES
01263	MEMBRANE PROCESSES	ELECTRODIALYSIS	FEED AND BLEED

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
01264	MEMBRANE PROCESSES	ELECTRODIALYSIS	INTERNALLY STAGED
00435	MEMBRANE PROCESSES	ELECTRODIALYSIS	PARALLEL CONTINUOUS
00436	MEMBRANE PROCESSES	ELECTRODIALYSIS	STAGED CONTINUOUS
01265	MEMBRANE PROCESSES	REVERSE OSMOSIS	DYNAMIC-FORMED MEMB
00437	MEMBRANE PROCESSES	REVERSE OSMOSIS	HOLLOW FILAMENT UNIT
01266	MEMBRANE PROCESSES	REVERSE OSMOSIS	PLATE AND FRAME
01267	MEMBRANE PROCESSES	REVERSE OSMOSIS	SHELL & TUBE TYPE
00438	MEMBRANE PROCESSES	REVERSE OSMOSIS	SPIRAL-WOUND UNIT
00439	MEMBRANE PROCESSES	REVERSE OSMOSIS	TUBE-TYPE UNIT
00440	MEMBRANE PROCESSES	ULTRAFILTRATION	HOLLOW FIBER
00441	MEMBRANE PROCESSES	ULTRAFILTRATION	PLATE-TYPE
01268	MEMBRANE PROCESSES	ULTRAFILTRATION	SPIRAL-WOUND UNIT
00442	MEMBRANE PROCESSES	ULTRAFILTRATION	TUBE-TYPE
00446	MIXING	MIXERS	PROPELLER
00447	MIXING	MIXERS	SIDE ENTERING
00448	MIXING	MIXERS	TOP ENTERING
00449	OIL SEPARATION/REMOV	OIL SKIMMERS	ABSORBENT BELT
00450	OIL SEPARATION/REMOV	OIL SKIMMERS	ABSORBENT DRUM
01269	OIL SEPARATION/REMOV	OIL SKIMMERS	ADSORBENT BELT
01270	OIL SEPARATION/REMOV	OIL SKIMMERS	ADSORBENT DRUM
00451	OIL SEPARATION/REMOV	OIL SKIMMERS	ADSORBENT ROPE
01271	OIL SEPARATION/REMOV	OIL SKIMMERS	AIR JET
01272	OIL SEPARATION/REMOV	OIL SKIMMERS	CHAIN AND FLIGHT
01273	OIL SEPARATION/REMOV	OIL SKIMMERS	FIXED FLOATING
01274	OIL SEPARATION/REMOV	OIL SKIMMERS	FIXED FLOATING WEIR
01275	OIL SEPARATION/REMOV	OIL SKIMMERS	RADIAL ARM
01276	OIL SEPARATION/REMOV	OIL SKIMMERS	ROTATING ARM
01277	OIL SEPARATION/REMOV	OIL SKIMMERS	SLOTTED PIPE
01278	OIL SEPARATION/REMOV	OIL SKIMMERS	SPIRAL
01279	OIL SEPARATION/REMOV	OIL SKIMMERS	SUCTION TYPE
01280	OIL SEPARATION/REMOV	OIL SKIMMERS	TRAVELING BRIDGE
01281	OIL SEPARATION/REMOV	OIL SKIMMERS	VORTEX
00452	OIL SEPARATION/REMOV	OIL-WATER SEPARATORS	API SEPARATOR
00453	OIL SEPARATION/REMOV	OIL-WATER SEPARATORS	CIRCULAR BASIN
01282	OIL SEPARATION/REMOV	OIL-WATER SEPARATORS	FIBR MEDIA COALESCER
01283	OIL SEPARATION/REMOV	OIL-WATER SEPARATORS	GRAVITY DISPLACEMENT
01284	OIL SEPARATION/REMOV	OIL-WATER SEPARATORS	HORIZ PLATE COALESCE
01285	OIL SEPARATION/REMOV	OIL-WATER SEPARATORS	HORIZONTAL DECANTER
01286	OIL SEPARATION/REMOV	OIL-WATER SEPARATORS	LOOSE MEDIA COALESCE
01287	OIL SEPARATION/REMOV	OIL-WATER SEPARATORS	PLATE INTERCEPTOR
00454	OIL SEPARATION/REMOV	OIL-WATER SEPARATORS	RECTANGULAR BASIN
01288	OIL SEPARATION/REMOV	OIL-WATER SEPARATORS	VERT TUBE COALESCER
01289	OIL SEPARATION/REMOV	OIL-WATER SEPARATORS	WASH TANKS & SKIM TK
01290	OXIDATION PROCESSES	CATALYTIC OXIDATION	VAPOR PHASE CAT OX
01291	OXIDATION PROCESSES	CHEMICAL OXIDATION	CALCIUM HYDROCHLORIT
01292	OXIDATION PROCESSES	CHEMICAL OXIDATION	CHLORINE DIOXIDE
01293	OXIDATION PROCESSES	CHEMICAL OXIDATION	CYANIDE OXIDATION
01294	OXIDATION PROCESSES	CHEMICAL OXIDATION	DUPONT PER OXYGEN
01295	OXIDATION PROCESSES	CHEMICAL OXIDATION	HYDROGEN PEROXIDE

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SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
01296	OXIDATION PROCESSES	CHEMICAL OXIDATION	HYPOCHLOROUS ACID
01297	OXIDATION PROCESSES	CHEMICAL OXIDATION	KASTONE PROCESS
01298	OXIDATION PROCESSES	CHEMICAL OXIDATION	OZONATION PROCESS
01299	OXIDATION PROCESSES	CHEMICAL OXIDATION	PERMANGANATE OXIDATN
01300	OXIDATION PROCESSES	INCINERATION	ATOMIZED SLUDGE
01301	OXIDATION PROCESSES	INCINERATION	FLO SOLIDS DISPOSAL
01302	OXIDATION PROCESSES	INCINERATION	LIQUII-DATUR
01303	OXIDATION PROCESSES	INCINERATION	PRENCO SUPER SYSTEM
01304	OXIDATION PROCESSES	INCINERATION	THERMAL SUB-X COMB
01305	OXIDATION PROCESSES	WET THERMAL PROCESSES	SULFIDE AIR OX
01306	OXIDATION PROCESSES	WET THERMAL PROCESSES	ZIMPRO WET OX
00486	OXID/REDUCT/PROCESS	CHEMICAL OXIDATION/REDUCTION	CHLORINE
00487	OXID/REDUCT/PROCESS	CHEMICAL OXIDATION/REDUCTION	SODIUM HYPOCHLORITE
00488	OXID/REDUCT/PROCESS	INCINERATION	CYCLONIC INCINERATOR
00489	OXID/REDUCT/PROCESS	INCINERATION	STATIONRY LIQ BURNER
00490	OXID/REDUCT/PROCESS	INCINERATION	SUPERHEAT INCINERATO
00491	OXID/REDUCT/PROCESS	WET THERMAL PROCESSES	ASTRO WET OXIDATION
00492	OXID/REDUCT/PROCESS	WET THERMAL PROCESSES	HEAT TREATMENT
00493	OXID/REDUCT/PROCESS	WET THERMAL PROCESSES	PROST SYSTEM
00494	PH ADJUSTMENT	BUFFERING	BUFFERING
00495	PH ADJUSTMENT	PH ADJUSTMENT SYSTEMS	MIXMETER
00496	PH ADJUSTMENT	PH ADJUSTMENT SYSTEMS	SINGLE STAGE TANK
00497	PH ADJUSTMENT	PH ADJUSTMENT SYSTEMS	TWO STAGE TANK
00498	PH ADJUSTMENT	PH ADJUSTMENT WITH ACIDS	CARBON DIOXIDE
00499	PH ADJUSTMENT	PH ADJUSTMENT WITH ACIDS	HYDROCHLORIC
01308	PH ADJUSTMENT	PH ADJUSTMENT WITH ACIDS	NITRIC ACID
01309	PH ADJUSTMENT	PH ADJUSTMENT WITH ACIDS	SULFUR DIOXIDE
00500	PH ADJUSTMENT	PH ADJUSTMENT WITH ACIDS	SULFURIC
00501	PH ADJUSTMENT	PH ADJUSTMENT WITH BASES	AMMONIA
00502	PH ADJUSTMENT	PH ADJUSTMENT WITH BASES	CAUSTIC SODA
01310	PH ADJUSTMENT	PH ADJUSTMENT WITH BASES	HYDRATED LIME
01311	PH ADJUSTMENT	PH ADJUSTMENT WITH BASES	LIMESTONE
00503	PH ADJUSTMENT	PH ADJUSTMENT WITH BASES	SODA ASH
00609	PIPELINE	COLLECTION	COMBINED
00610	PIPELINE	COLLECTION	SANITARY
00611	PIPELINE	COLLECTION	STORM
00612	PIPELINE	DISTRIBUTION	NOT SPECIFIED
00782	PRECIP/COAGULATION	CHEMICAL PRECIPITATION	ALUM
00613	PRECIP/COAGULATION	CHEMICAL PRECIP./COAGULATION	CEMENTATION
00614	PRECIP/COAGULATION	CHEMICAL PRECIP./COAGULATION	HYDROXIDE
00615	PRECIP/COAGULATION	CHEMICAL PRECIP./COAGULATION	SULFIDE
00783	PRECIP/COAGULATION	COAGULATION	BARIUM CHLORIDE
00785	PRECIP/COAGULATION	COAGULATION	FERRIC SULFATE
00784	PRECIP/COAGULATION	COAGULATION	IRON CHLORIDE
00786	PRECIP/COAGULATION	COAGULATION	LIME
00787	PRECIP/COAGULATION	COAGULATION	POLYMER
00686	SCREENING	BAR SCREENS	BACKCLEANED FLAT
00687	SCREENING	BAR SCREENS	FRONTCLEANED FLAT
00688	SCREENING	BAR SCREENS	HAND CLEANED

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
01322	SCREENING	BAR SCREENS	MECH CLEANED CURVED
01323	SCREENING	BAR SCREENS	MECH W/GRIT COLLECTI
01324	SCREENING	BAR SCREENS	TRANSVERS TRASH
01325	SCREENING	BAR SCREENS	TRITOR SCREEN
01326	SCREENING	COMMINUTING SCREENS	BARMINUTOR
01327	SCREENING	COMMINUTING SCREENS	FLOMINUTOR
01328	SCREENING	COMMINUTING SCREENS	MACERATOR
01329	SCREENING	COMMINUTING SCREENS	OSCILLATING CUTTER
01330	SCREENING	COMMINUTING SCREENS	ROTATING CUTTER
00689	SCREENING	COMMINUTING SCREENS	ROTATING SCREEN
00690	SCREENING	COMMINUTING SCREENS	SCREENING GRINDER
C1331	SCREENING	MICROSCREENS	DUAL FLOW TRAVEL H2O
01332	SCREENING	MICROSCREENS	POROUS METAL CARTR
00691	SCREENING	MICROSCREENS	REVOLVING DRUM
01333	SCREENING	MICROSCREENS	ROTARY BRUSH
00692	SCREENING	MICROSCREENS	STATIONARY BACKWASH
00693	SCREENING	MICROSCREENS	STATIONARY FILTER
01334	SCREENING	MICROSCREENS	TRAVELING WATER
00694	SCREENING	OTHER SCREENS	COARSE MESH
00695	SCREENING	OTHER SCREENS	ENDLESS BAND
01335	SCREENING	OTHER SCREENS	HYDRASIEVE
01336	SCREENING	OTHER SCREENS	NEMCO ROTARY SIEVE
01337	SCREENING	OTHER SCREENS	STATIC MULTI-ANGLE
00696	SCREENING	OTHER SCREENS	TRAVELING H2O
01338	SCREENING	OTHER SCREENS	VOR-SIV
01339	SCREENING	OTHER SCREENS	120 DSM SCREEN
01340	SCREENING	OTHER SCREENS	300 DSM SCREEN
01341	SCREENING	ROTARY SCREENS	BATAM STRAINER
01342	SCREENING	ROTARY SCREENS	FNTERNAL HELIX DRUM
01343	SCREENING	ROTARY SCREENS	MERCO ROTARY STRAINR
01344	SCREENING	ROTARY SCREENS	REVOLVING DISC
00697	SCREENING	ROTARY SCREENS	REVOLVING DISK
00698	SCREENING	ROTARY SCREENS	REVOLVING DRUM
01345	SCREENING	ROTARY SCREENS	VERTICAL DRUM
00699	SCREENING	VIBRATORY SCREENS	GYRATORY SCREEN
00700	SCREENING	VIBRATORY SCREENS	SHAKER SCREEN
00701	SCREENING	VIBRATORY SCREENS	VIBRATING SCREEN
01346	SETTLING	CLARIFIERS	CLARIFLOW
01347	SETTLING	CLARIFIERS	DEGRITTING
01348	SETTLING	CLARIFIERS	DUD
01349	SETTLING	CLARIFIERS	FLOATING BRIDGE
01350	SETTLING	CLARIFIERS	HOPPER SLUDGE REMOV
01351	SETTLING	CLARIFIERS	HORIZ PRECIPITATORR
01352	SETTLING	CLARIFIERS	HYDROSTATIC SLUDGE
01353	SETTLING	CLARIFIERS	HYDRO-CIRC FLOW
01354	SETTLING	CLARIFIERS	REACTOR
01355	SETTLING	CLARIFIERS	RIM FEED
01356	SETTLING	CLARIFIERS	SLUDGE BLANKET
01357	SETTLING	CLARIFIERS	SOLIDS CONTRACT

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
01358	SETTLING	CLARIFIERS	UPFLOW BASIN
01359	SETTLING	CLARIFIERS	VACUUM SLUDGE REMOV
01360	SETTLING	CLARIFIERS	2-STAGE SPLIT FLOW
00702	SETTLING	CLASSIFIERS	AUTO-VORTEX BOWL
01361	SETTLING	CLASSIFIERS	BOWL-RAKA
00703	SETTLING	CLASSIFIERS	DORR HYDROSEPARATOR
00704	SETTLING	CLASSIFIERS	HARDINGE HYDRO
01362	SETTLING	CLASSIFIERS	NORDBERG-WOOD
00705	SETTLING	CONVENTIONAL CLARIFIERS	RECT TRAVEL BRIDGE
00706	SETTLING	CONVENTIONAL CLARIFIERS	RECTANGLE CLARIFIER
00707	SETTLING	CONVENTIONAL CLARIFIERS	SQUARE CLARIFIER
00708	SETTLING	GRIT CHAMBERS	AERATED GRIT CHAMBER
00709	SETTLING	GRIT CHAMBERS	AIR-SCOUR GRIT CHAMB
00710	SETTLING	GRIT CHAMBERS	DETRITUS TANK
00711	SETTLING	GRIT CHAMBERS	PISTA GRIT CHAMBER
01363	SETTLING	INCLINE PLANE, TILT TUBE PLAT SET	CHEVRON TUBE SYSTEM
01364	SETTLING	INCLINE PLANE, TILT TUBE PLAT SET	CORRUGATED PLATE
01365	SETTLING	INCLINE PLANE, TILT TUBE PLAT SET	LINATEX-SERPAC PROC
01366	SETTLING	INCLINE PLANE, TILT TUBE PLAT SET	SETTLEX CLARIFIER
01367	SETTLING	INCLINE PLANE, TILT TUBE PLAT SET	X-FLOW CORRUG PLATE
00712	SETTLING	INCLINED PLANE,TUBE,PLATE SEPARAT	LAMELLA GRAV SETTLER
00713	SETTLING	INCLINED PLANE,TUBE,PLATE SEPARAT	60 TUBE SETTLER
00714	SETTLING	INCLINED PLANE,TUBE,PLATE SEPARAT	7-1/2 TUBE SETTLER
01368	SETTLING	SEDIMENT CHANNELS	BATCH SETTLING TANK
01369	SETTLING	SEDIMENT CHANNELS	CONICAL THICKEN TANK
01370	SETTLING	SEDIMENT CHANNELS	EARTHEN-WALL BASIN
00715	SETTLING	SEDIMENT CHANNELS	SETTLING CHANNEL
00716	SETTLING	SEDIMENT CHANNELS	SETTLING POND
00717	SETTLING	SETTLING CONES	ALLEN
01371	SETTLING	SETTLING CONES	BOYLAN CONE
00718	SETTLING	SETTLING CONES	CALDECOTT
00719	SETTLING	SETTLING CONES	DEEP CONE THICKENER
01372	SETTLING	SETTLING CONES	SPIRACTOR
01373	SETTLING	THICKENERS	BALANCED TRAY
01374	SETTLING	THICKENERS	CABLETORQ
00720	SETTLING	THICKENERS	CAISSON THICKENER
01375	SETTLING	THICKENERS	CIRCULAR
00721	SETTLING	THICKENERS	CIRCULAR THICKENER
01376	SETTLING	THICKENERS	SEDIMENTATION TANK
01377	SETTLING	THICKENERS	THIXO ARM
01378	SETTLING	THICKENERS	TRACTION
01379	SETTLING	THICKENERS	WASHING TRAY

TABLE A-4(c). CONTROL DEVICE/TREATMENT PROCESS (SOLID)

ENVIRONMENTAL ASSESSMENT DATA SYSTEMS

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SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00156	FIXATION	CALCINATION	BATCH RETORT
00157	FIXATION	CALCINATION	COCURRENT-FLOW
00158	FIXATION	CALCINATION	INDIRECT-HEAT ROTARY
00159	FIXATION	CHEMICAL FIXATION	CALCILOX
00160	FIXATION	CHEMICAL FIXATION	CHEMFIX PROCESS
00161	FIXATION	CHEMICAL FIXATION	NEUTRALIZATION
00162	FIXATION	CHEMICAL FIXATION	POZ-O-TEC PROCESS
00163	FIXATION	PHYSICAL STABILIZATION	ASPHALT BLENDING
00164	FIXATION	PHYSICAL STABILIZATION	BITUMINIZATION
00165	FIXATION	PHYSICAL STABILIZATION	CARBONATE BONDING
00166	FIXATION	PHYSICAL STABILIZATION	CONCRETE BLENDING
00167	FIXATION	PHYSICAL STABILIZATION	ENCAPSULATION
00168	FIXATION	PHYSICAL STABILIZATION	KOCH SLUDGE DEHYDRAT
00169	FIXATION	PHYSICAL STABILIZATION	LIME SLUDGE
00170	FIXATION	PHYSICAL STABILIZATION	SYN POLYMERS BLENDNG
01089	FLOTATION	DISSOLVED AIR UNITS	AGITATION-FROTH
01090	FLOTATION	DISSOLVED AIR UNITS	CIRC FLOT TNK W/RAKE
01091	FLOTATION	DISSOLVED AIR UNITS	IR FLOT SEPARATOR
01092	FLOTATION	DISSOLVED AIR UNITS	JUPITER-7000 SYSTEM
01093	FLOTATION	DISSOLVED AIR UNITS	MINERAL SEPARATION
00171	FLOTATION	DISSOLVED AIR UNITS	PARTIAL PRESS
01094	FLOTATION	DISSOLVED AIR UNITS	PIELKENROAD DAF SYS
01095	FLOTATION	DISSOLVED AIR UNITS	POSITIVE AIR DISSOL
01096	FLOTATION	DISSOLVED AIR UNITS	POTTER-DE/PRAT PROC
01097	FLOTATION	DISSOLVED AIR UNITS	RECT FLOT TNK W/SKIM
00172	FLOTATION	DISSOLVED AIR UNITS	RECYCLE PRESS
00173	FLOTATION	DISSOLVED AIR UNITS	TOTAL PRESS
01098	FLOTATION	DISSOLVED AIR UNITS	VACUUM FLOTATION
00174	FLOTATION	FLOTATION CONDITIONERS	FROTHERS
00175	FLOTATION	FLOTATION CONDITIONERS	MODIFIERS
00176	FLOTATION	FLOTATION CONDITIONERS	PROMOTERS
00177	FLOTATION	MECHANICAL SUBAERATION CELLS	FAGERGREN LEVEL
00178	FLOTATION	MECHANICAL SUBAERATION CELLS	FAGERGREN OBLONG
01099	FLOTATION	MECHANICAL SUBAERATION CELLS	GECO MACHINE
01100	FLOTATION	MECHANICAL SUBAERATION CELLS	HALL DEEP CELL
01101	FLOTATION	MECHANICAL SUBAERATION CELLS	JANNEY MECHANICAL
01102	FLOTATION	MECHANICAL SUBAERATION CELLS	MECHANICAL/HONEYCOMB
01103	FLOTATION	MECHANICAL SUBAERATION CELLS	MS COUNTERCURRENT
01104	FLOTATION	MECHANICAL SUBAERATION CELLS	MS SUBAERATION
01105	FLOTATION	MECHANICAL SUBAERATION CELLS	PAN AMERICAN
01106	FLOTATION	MECHANICAL SUBAERATION CELLS	QUADRICELL SEPARATOR
01107	FLOTATION	MECHANICAL SUBAERATION CELLS	UIW MACHINE
01108	FLOTATION	MECHANICAL SUBAERATION CELLS	WEINIG MACHINE
00179	FLOTATION	MECHANICAL SUBAERATION CELLS	WEMCO HYDROCLEANER
01109	FLOTATION	PNEUMATIC CELLS	AERO-FLO SPARGER
00180	FLOTATION	PNEUMATIC CELLS	CALLOW CELL
01110	FLOTATION	PNEUMATIC CELLS	DEEP AIR CELL
01111	FLOTATION	PNEUMATIC CELLS	EMERY CELL
00181	FLOTATION	PNEUMATIC CELLS	FOAM FRACTIONATION

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
01112	FLOTATION	PNEUMATIC CELLS	FORRESTOR CELL
01113	FLOTATION	PNEUMATIC CELLS	HUNT CELL
00182	FLOTATION	PNEUMATIC CELLS	MACINTOSH CELL
01114	FLOTATION	PNEUMATIC CELLS	WELSH CELL
01115	FLOTATION	PNEUMATIC CELLS	WEMCO DEPURATOR
00465	OXIDATION/DIGESTION	ANAEROBIC DIGESTION	ANAEROBIC CONTACT
00466	OXIDATION/DIGESTION	ANAEROBIC DIGESTION	ANAEROBIC FILTER
00467	OXIDATION/DIGESTION	ANAEROBIC DIGESTION	ANAEROBIC LAGOONS
00468	OXIDATION/DIGESTION	ANAEROBIC DIGESTION	COVERED ANAER LAGNS
00469	OXIDATION/DIGESTION	ANAEROBIC DIGESTION	GAS RECIRC DIGESIER
00470	OXIDATION/DIGESTION	ANAEROBIC DIGESTION	HIGH RATE DIGESTER
00471	OXIDATION/DIGESTION	ANAEROBIC DIGESTION	IMHOFF TANK
00472	OXIDATION/DIGESTION	ANAEROBIC DIGESTION	MECH MIXED DIGESTER
00473	OXIDATION/DIGESTION	ANAEROBIC DIGESTION	PARTIAL AER LAGOONS
00474	OXIDATION/DIGESTION	ANAEROBIC DIGESTION	SEPTIC TANK
00475	OXIDATION/DIGESTION	ANAEROBIC DIGESTION	SINGLE STAGE DIGESTR
00476	OXIDATION/DIGESTION	ANAEROBIC DIGESTION	TWO STAGE DIGESTER
00455	OXIDATION/DIGESTION	COMPOSTING	BATCH WINDROW
00477	OXIDATION/DIGESTION	COMPOSTING	CASPARI-BRIKOLLARE
00456	OXIDATION/DIGESTION	COMPOSTING	COBEY-TEREX
01307	OXIDATION/DIGESTION	COMPOSTING	CRUDE COMPOST PILE
00457	OXIDATION/DIGESTION	COMPOSTING	DANO BIO-STABILIZER
00458	OXIDATION/DIGESTION	COMPOSTING	EARP THOMAS
00459	OXIDATION/DIGESTION	COMPOSTING	FAIRFIELD-HARDY
00478	OXIDATION/DIGESTION	COMPOSTING	FRAZER-EWESON
00479	OXIDATION/DIGESTION	COMPOSTING	JERSEY PROCESS
00480	OXIDATION/DIGESTION	COMPOSTING	METROWASTE
00481	OXIDATION/DIGESTION	COMPOSTING	MULTI-BACTOR TOWER
00460	OXIDATION/DIGESTION	COMPOSTING	NATURIZER SYSTEM
00461	OXIDATION/DIGESTION	COMPOSTING	RASPINS
00462	OXIDATION/DIGESTION	COMPOSTING	RIKER PROCESS
00482	OXIDATION/DIGESTION	COMPOSTING	SNELL FORCED AIR
00483	OXIDATION/DIGESTION	COMPOSTING	SNELL HIGH RATE
00463	OXIDATION/DIGESTION	COMPOSTING	T.A. CRAIN
00464	OXIDATION/DIGESTION	COMPOSTING	VARRO
00484	OXIDATION/DIGESTION	WET OXIDATION	AEROBIC DIGESTION
00485	OXIDATION/DIGESTION	WET OXIDATION	EARTHWORM DIGESTION
00504	PHYSICAL SEPARATION	AIR CLASSIFICATION	AIR DENSITY SEPARATR
00505	PHYSICAL SEPARATION	AIR CLASSIFICATION	AIR SIFTER
00506	PHYSICAL SEPARATION	AIR CLASSIFICATION	BAUER SPEC GRAV SEP
00507	PHYSICAL SEPARATION	AIR CLASSIFICATION	CENTRI-SIFTER
00508	PHYSICAL SEPARATION	AIR CLASSIFICATION	DOUBLE-CONE
00509	PHYSICAL SEPARATION	AIR CLASSIFICATION	DUAL VORTEX
00510	PHYSICAL SEPARATION	AIR CLASSIFICATION	GAYCO CENTRIFUGAL
00511	PHYSICAL SEPARATION	AIR CLASSIFICATION	GYRATORY
00512	PHYSICAL SEPARATION	AIR CLASSIFICATION	HARDINGE LOOP
00513	PHYSICAL SEPARATION	AIR CLASSIFICATION	HARDINGE SUPERFINE
00514	PHYSICAL SEPARATION	AIR CLASSIFICATION	MECH TYPE GRAV INERT
00515	PHYSICAL SEPARATION	AIR CLASSIFICATION	MECH VAC-GRAV SEPARA

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SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00516	PHYSICAL SEPARATION	AIR CLASSIFICATION	MICROPLEX SPIRAL
00517	PHYSICAL SEPARATION	AIR CLASSIFICATION	RAYMOND WHIZZER
00518	PHYSICAL SEPARATION	AIR CLASSIFICATION	RODER AIR DENSITY
00519	PHYSICAL SEPARATION	AIR CLASSIFICATION	SRI ZIGZAG
00520	PHYSICAL SEPARATION	AIR CLASSIFICATION	STRUTEVANT WHIRLWIND
00521	PHYSICAL SEPARATION	AIR CLASSIFICATION	USBM HORIZONTAL
00522	PHYSICAL SEPARATION	AIR CLASSIFICATION	VIBRO LUTIATOR
00523	PHYSICAL SEPARATION	AIR CLASSIFICATION	WILLIAMS SPINNER
00524	PHYSICAL SEPARATION	ELECTROSTATIC SEPARATION	CONDUCT INDUC ROTARY
01312	PHYSICAL SEPARATION	ELECTROSTATIC SEPARATION	HIGH TENSION ROTARY
00525	PHYSICAL SEPARATION	ELECTROSTATIC SEPARATION	PLATE TYPE
00526	PHYSICAL SEPARATION	EVAPORATION/DRYING	AGITATED PAN
00527	PHYSICAL SEPARATION	EVAPORATION/DRYING	DOUBLE CONE VACUUM
00528	PHYSICAL SEPARATION	EVAPORATION/DRYING	EXT HEAT DRUM
00529	PHYSICAL SEPARATION	EVAPORATION/DRYING	FLUIDIZED BED
00530	PHYSICAL SEPARATION	EVAPORATION/DRYING	MULTI-LOUVRE
00531	PHYSICAL SEPARATION	EVAPORATION/DRYING	ROTARY STEAM TUBE
00532	PHYSICAL SEPARATION	EVAPORATION/DRYING	SPIRAL-CONVEYOR
00533	PHYSICAL SEPARATION	EVAPORATION/DRYING	STEAM TUBE ROTARY
00534	PHYSICAL SEPARATION	EVAPORATION/DRYING	VACUUM ROTARY
00535	PHYSICAL SEPARATION	EVAPORATION/DRYING	VACUUM-BELT
00536	PHYSICAL SEPARATION	EVAPORATION/DRYING	VIBRATORY CONVEYOR
00537	PHYSICAL SEPARATION	FLOTATION	AGGLOMERATION TABLE
00538	PHYSICAL SEPARATION	FLOTATION	CASCADE FLOTATION
00539	PHYSICAL SEPARATION	FLOTATION	DEBAVAY FILM
00540	PHYSICAL SEPARATION	FLOTATION	K AND K MACHINE
00541	PHYSICAL SEPARATION	FLOTATION	KRAUT MACHINE
00542	PHYSICAL SEPARATION	FLOTATION	MACQUISTEN FILM
00543	PHYSICAL SEPARATION	FLOTATION	MUREX PROCESS
00544	PHYSICAL SEPARATION	FLOTATION	WOOD FILM
00545	PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	BLACK CLAWSON
00546	PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	BUNKER HILL
00547	PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	CALLOW TANK
00548	PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	CENTRIFUGAL
00549	PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	CONCENCO
00550	PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	DELANO
00551	PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	D-O SUPHON SIZER
00552	PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	EAGLE VARISTRORE JIG
00553	PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	FAHRENWALD SIZER
00554	PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	FREE-SETTLING CLASFR
00555	PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	HYDROSCILLATOR
00556	PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	JET SIZER
00557	PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	PELLETT
00558	PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	SUPER SORTER
00559	PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	SURF CUR SLIME TANK
00560	PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	TANK SETTLING CLASFR
00561	PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	WEMCO RC
00562	PHYSICAL SEPARATION	MAGNETIC SEPARATION	ALT-POLARITY DRUM
00563	PHYSICAL SEPARATION	MAGNETIC SEPARATION	CONCURRENT WET DRUM

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00564	PHYSICAL SEPARATION	MAGNETIC SEPARATION	COUNT-ROTAT WET DRUM
00565	PHYSICAL SEPARATION	MAGNETIC SEPARATION	CROSS-BELT HI INT
00566	PHYSICAL SEPARATION	MAGNETIC SEPARATION	DRY DRUM
00567	PHYSICAL SEPARATION	MAGNETIC SEPARATION	GRATE MAGNET
00568	PHYSICAL SEPARATION	MAGNETIC SEPARATION	HIGH GRADIENT MAG
00569	PHYSICAL SEPARATION	MAGNETIC SEPARATION	HIGH SPEED MAG
00570	PHYSICAL SEPARATION	MAGNETIC SEPARATION	INDUCED-ROLL SEPARTR
00571	PHYSICAL SEPARATION	MAGNETIC SEPARATION	MAGNETIC FILTER
00572	PHYSICAL SEPARATION	MAGNETIC SEPARATION	MAGNETIC PULLY
00573	PHYSICAL SEPARATION	MAGNETIC SEPARATION	SUSPENDED TYPE
00574	PHYSICAL SEPARATION	MAGNETIC SEPARATION	UNI-GAP DRUM
00575	PHYSICAL SEPARATION	MECHANICAL CLASSIFICATION	COUNTERCURRENT
00576	PHYSICAL SEPARATION	MECHANICAL CLASSIFICATION	DEWATERING ELEVATOR
00577	PHYSICAL SEPARATION	MECHANICAL CLASSIFICATION	DRAG CLASSIFIER
00578	PHYSICAL SEPARATION	MECHANICAL CLASSIFICATION	RAKE CLASSIFIER
00579	PHYSICAL SEPARATION	MECHANICAL CLASSIFICATION	ROTOSCUOP
00580	PHYSICAL SEPARATION	MECHANICAL CLASSIFICATION	SAND WHEEL
00581	PHYSICAL SEPARATION	MECHANICAL CLASSIFICATION	SHOVEL WHEEL
00582	PHYSICAL SEPARATION	MECHANICAL CLASSIFICATION	SPIRAL CLASSIFIER
00583	PHYSICAL SEPARATION	SCREENS	BURCH RING GRIZZLY
00584	PHYSICAL SEPARATION	SCREENS	CANTILEVER GRIZZLY
00585	PHYSICAL SEPARATION	SCREENS	COMPOUND TROMMEL
00586	PHYSICAL SEPARATION	SCREENS	ELECTRICALLY VIBRATE
00587	PHYSICAL SEPARATION	SCREENS	GYRATORY
00588	PHYSICAL SEPARATION	SCREENS	LIVE-ROLL GRIZZLY
00589	PHYSICAL SEPARATION	SCREENS	MECHANICAL SHAKING
00590	PHYSICAL SEPARATION	SCREENS	MECHANICALLY VIBRATE
00591	PHYSICAL SEPARATION	SCREENS	MECH-CONVEY SHAKING
00592	PHYSICAL SEPARATION	SCREENS	MOVING-BAR GRIZZLY
00593	PHYSICAL SEPARATION	SCREENS	OSCILLATING
00594	PHYSICAL SEPARATION	SCREENS	PERFORATED
00595	PHYSICAL SEPARATION	SCREENS	PROFILE ROD
00596	PHYSICAL SEPARATION	SCREENS	RADAR DISC
00597	PHYSICAL SEPARATION	SCREENS	RECIPROCATING
00598	PHYSICAL SEPARATION	SCREENS	ROLLER TYPE GRIZZLY
00599	PHYSICAL SEPARATION	SCREENS	ROTASCREEN
00600	PHYSICAL SEPARATION	SCREENS	SELF CLEAN GRIZZLY
00601	PHYSICAL SEPARATION	SCREENS	SHAKING GRIZZLY
00602	PHYSICAL SEPARATION	SCREENS	STEP-TREAD
00603	PHYSICAL SEPARATION	SCREENS	TRAVELING GRIZZLY
00604	PHYSICAL SEPARATION	SCREENS	TROMMEL
00605	PHYSICAL SEPARATION	SCREENS	VIBRATING CLOTH
00606	PHYSICAL SEPARATION	SCREENS	WOVEN WIRE CLOTH
00607	PHYSICAL SEPARATION	VIBRATING CLASSIFIERS	DRY TABLE
00608	PHYSICAL SEPARATION	VIBRATING CLASSIFIERS	VIBRATING TABLE
01313	PRECIPITATION	CHEMICAL PRECIPITATORS	CALCIUM CHLORIDE
01314	PRECIPITATION	CHEMICAL PRECIPITATORS	DOLOMITE
01315	PRECIPITATION	CHEMICAL PRECIPITATORS	FERROUS SULFATE
01316	PRECIPITATION	CHEMICAL PRECIPITATORS	SODA ASH

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
01317	PRECIPITATION	CHEMICAL PRECIPITATORS	SODIUM METABISULFITE
01318	PRECIPITATION	CHEMICAL PRECIPITATORS	SULFEX PROCESS
01319	PRECIPITATION	CHEMICAL PRECIPITATORS	SULFUR DIOXIDE
01320	PRECIPITATION	CHEMICAL PRECIPITATORS	SULFURIC ACID
01321	PRECIPITATION	CHEMICAL PRECIPITATORS	VENTRON PROCESS
00619	PROCESSING/COMBUSTION	FIXED BED INCINERATORS	AIR CURTAIN DISTRUCT
00620	PROCESSING/COMBUSTION	FIXED BED INCINERATORS	CONTROLLED AIR
00621	PROCESSING/COMBUSTION	FIXED BED INCINERATORS	ENERTHERM CYCLONIC
00622	PROCESSING/COMBUSTION	FIXED BED INCINERATORS	IN-LINE MULTI CHAMB
00623	PROCESSING/COMBUSTION	FIXED BED INCINERATORS	KELLY/HOSKINSON PYR
00624	PROCESSING/COMBUSTION	FIXED BED INCINERATORS	RETORT MULTI CHAMBER
00625	PROCESSING/COMBUSTION	FIXED BED INCINERATORS	SINGLE CHAMBER
00626	PROCESSING/COMBUSTION	FIXED BED INCINERATORS	TRAY FURNACE
00627	PROCESSING/COMBUSTION	FIXED BED INCINERATORS	UNDERGROUD BURNING
00628	PROCESSING/COMBUSTION	FLUIDIZED BED INCINERATORS	AMERICAN OIL
00629	PROCESSING/COMBUSTION	FLUIDIZED BED INCINERATORS	BLACK CLAWSON PROC
00630	PROCESSING/COMBUSTION	FLUIDIZED BED INCINERATORS	COPELAND PROCESS
00631	PROCESSING/COMBUSTION	FLUIDIZED BED INCINERATORS	CPU 400 PROCESS
00632	PROCESSING/COMBUSTION	FLUIDIZED BED INCINERATORS	DORR-OLIVER FS DISP
00633	PROCESSING/COMBUSTION	FLUIDIZED BED INCINERATORS	HERCULES SW DISPSY
00634	PROCESSING/COMBUSTION	FLUIDIZED BED INCINERATORS	NOVOTNY PROCESS
00635	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	BASKET TYPE FURNACE
00639	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	CE RAYMOND PROCESS
00636	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	CIRCULAR CONE GRATE
00637	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	ECOLOGIZER
00638	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	FLASH DRYING
00640	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	HORIZONTAL CYC FURNC
00641	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	MARTIN REV-ACT RG
00642	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	MULTIPLE HEARTH FURN
00643	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	PYRO-CONE
00644	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	RECIPROCATING GRATE
00645	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	ROCKING GRATE
00646	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	ROTARY HEARTH FURN
00647	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	ROTARY KILN
00648	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	ROTATING DRUM GRATE
00649	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	SEMI SUSPENSION FIRE
00650	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	SHAFT KILN
00651	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	THERMAL REDUCTOR
00652	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	TIP GRATE
00653	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	TRAVELING GRATE
00654	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	VOLUND FORWARD PUSH
00655	PROCESSING/COMBUSTION	MOVING BED INCINERATORS	VORTEX INCINERATOR
00656	PROCESSING/COMBUSTION	PYROLYSIS PROCESSES	AUSTIN PROCESS
00657	PROCESSING/COMBUSTION	PYROLYSIS PROCESSES	DESTRUGAS PROCESS
00658	PROCESSING/COMBUSTION	PYROLYSIS PROCESSES	DEVCO PROCESS
00659	PROCESSING/COMBUSTION	PYROLYSIS PROCESSES	FIRESTONE PROCESS
00660	PROCESSING/COMBUSTION	PYROLYSIS PROCESSES	FLUIDIZED BED
00661	PROCESSING/COMBUSTION	PYROLYSIS PROCESSES	GARRETT PROCESS
00662	PROCESSING/COMBUSTION	PYROLYSIS PROCESSES	GOODYEAR PROCESS

SEQ	GENERIC TYPE	DESIGN TYPE	SPECIFIC DEVICE/DEVICE TYPE
00663	PROCESSING/COMBUSTION	PYROLYSIS PROCESSES	LANTZ PROCESS
00664	PROCESSING/COMBUSTION	PYROLYSIS PROCESSES	MONSANTO LANDGARD
00665	PROCESSING/COMBUSTION	PYROLYSIS PROCESSES	PYROLYSIS-COMBUSTION
00666	PROCESSING/COMBUSTION	PYROLYSIS PROCESSES	SURFACE SLUDGE DISP
00667	PROCESSING/COMBUSTION	PYROLYSIS PROCESSES	UNION CARBIDE
00668	PROCESSING/COMBUSTION	PYROLYSIS PROCESSES	USBM
00669	PROCESSING/COMBUSTION	PYROLYSIS PROCESSES	WASTE WOOD PYROLYSIS
00670	PROCESSING/COMBUSTION	SLAGGING INCINERATORS	AMERICAN THERMOGEN
00672	PROCESSING/COMBUSTION	SLAGGING INCINERATORS	DRAVOL
00671	PROCESSING/COMBUSTION	SLAGGING INCINERATORS	DRAVOL/FLK
00673	PROCESSING/COMBUSTION	SLAGGING INCINERATORS	FERRO-TECH SYSTEM
00674	PROCESSING/COMBUSTION	SLAGGING INCINERATORS	OXYGEN-ENRICHMENT
00675	PROCESSING/COMBUSTION	SLAGGING INCINERATORS	SIRA SYSTEM
00676	PROCESSING/COMBUSTION	SLAGGING INCINERATORS	TORRAX SYSTEM
00677	PROCESSING/COMBUSTION	SLAGGING INCINERATORS	URBAN R&D
00678	RECOVERY/UTILIZATION	EXTRACTION PROCESSES	METALS RECOVERY
00679	RECOVERY/UTILIZATION	EXTRACTION PROCESSES	SULFUR RECOVERY
00680	RECOVERY/UTILIZATION	REGENERATION PROCESSES	CHEMICAL REACTIVATIO
00681	RECOVERY/UTILIZATION	REGENERATION PROCESSES	LIME RECLAMATION
00682	RECOVERY/UTILIZATION	REGENERATION PROCESSES	STEAM REACTIVATION
00683	RECOVERY/UTILIZATION	REGENERATION PROCESSES	THERMAL REGENERATION
00684	RECOVERY/UTILIZATION	REGENERATION PROCESSES	VACUUM REGENERATION
00685	RECOVERY/UTILIZATION	REGENERATION PROCESSES	WET AIR REGENERATION

TABLE A-5. DEVICE/PROCESS CLASS

Encode

CONVENTIONAL

LAB/BNCH SCL

NOVEL

PILOT SCALE

PROTOTYPE

TABLE A-6(a). DESIGN AND OPERATING PARAMETERS (AIR)

TERMS-14B
MEDIA: AIR

E N V I R O N M E N T A L   A S S E S S M E N T   D A T A   S Y S T E M S
DESIGN AND OPERATING PARAMETERS' LISTING AS OF 04/16/80

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
021 CONDENSERS	DIRECT CONTACT EXCHANGER	01 / CONTACT CHARACTERISTIC	
		02 / COOLANT-INLET CHEMICAL COMP	CMPDS,MOLE FRACTIONS
		03 / COOLANT-INLET TEMPERATURE	DEG C
		04 / COOLANT-INLET FLOW RATE	L/S
		05 / GAS-INLET CHEMICAL COMPOSITIO	CMPDS,MOLE FRACTIONS
		06 / GAS-INLET TEMPERATURE	DEG C
		07 / GAS-INLET FLOW RATE	DNM3/MIN
		08 / GAS AVERAGE VELOCITY	M/S
		09 / COOLANT-OUTLET CHEM COMP	CMPDS,MOLE FRACTIONS
		10 / COOLANT-OUTLET TEMP	DEG C
		11 / COOLANT-OUTLET FLOW RATE	L/S
		12 / GAS-OUTLET TEMPERATURE	DEG C
		13 / GAS-OUTLET FLOW RATE	DNM3/MIN
		14 / STATIC PRESSURE	KPA
		15 / OVERALL HEAT TRANSFER COEFFIC	KCAL/M2-DEG C-HR
		16 / HEAT TRANSFER SURFACE AREA	CM2
		17 / INLET MASS LOADING	MG/DNM3
		18 / PRESSURE DROP	KPA
		19 / GROSS MASS EFFICIENCY	%
		20 / TOTAL POWER CONSUMPTION	KWH
022 CONDENSERS	INDIRECT CONTACT EXCHANGER	01 / CONTACT CHARACTERISTIC	
		02 / COOLANT-INLET CHEMICAL COMP	CMPDS,MOLE FRACTIONS
		03 / COOLANT-INLET TEMPERATURE	DEG C
		04 / COOLANT-INLET FLOW RATE	L/S
		05 / GAS-INLET CHEMICAL COMPOSITIO	CMPDS,MOLE FRACTIONS
		06 / GAS-INLET TEMPERATURE	DEG C
		07 / GAS-INLET FLOW RATE	DNM3/MIN
		08 / GAS AVERAGE VELOCITY	M/S
		09 / COOLANT-OUTLET CHEM COMP	CMPDS,MOLE FRACTIONS
		10 / COOLANT-OUTLET TEMP	DEG C
		11 / COOLANT-OUTLET FLOW RATE	L/S
		12 / GAS-OUTLET TEMPERATURE	DEG C
		13 / GAS-OUTLET FLOW RATE	DNM3/MIN
		14 / STATIC PRESSURE	KPA
		15 / OVERALL HEAT TRANSFER COEFFIC	KCAL/M2-DEG C-HR
		16 / HEAT TRANSFER SURFACE AREA	CM2
		17 / INLET MASS LOADING	MG/DNM3
		18 / PRESSURE DROP	KPA
		19 / GROSS MASS EFFICIENCY	%
		20 / TOTAL POWER CONSUMPTION	KWH
004 ESP	SINGLE STAGE	01 / NUMBER OF SECTIONS	
		02 / NUMBER OF BAFFLED SECTIONS	
		03 / ASPECT RATIO	
		04 / SPECIFIC COLLECTION AREA	M2-S/M3
		05 / PLATE AREA	M2
		06 / PLATE-PLATE SPACING	CM
		07 / NUMBER OF WIRES PER SECTION	

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
		08 / WIRE-WIRE SPACING	CM
		09 / WIRE DIAMETER	MM
		10 / GAS FLOW RATE	DNM3/MIN
		11 / PRESSURE DROP	KPA
		12 / GAS AVERAGE TEMPERATURE	DEG C
		13 / INLET MASS LOADING	MG/DNM3
		14 / RAPPING INTENSITY	M/S
		15 / GAS VELOCITY	M/S
		16 / APPLIED VOLTAGE	KV
		17 / SPARK RATE	NUMBER/MIN
		18 / CURRENT DENSITY	NA/CM2
		19 / LIQUID LOADING	L/S
		20 / RAPPING FREQUENCY	NUMBER/MIN
		21 / STATIC PRESSURE	KPA
		22 / TOTAL POWER CONSUMPTION	KWH
		23 / GROSS MASS EFFICIENCY	%
005 ESP	TWO-STAGE	01 / NUMBER OF SECTIONS	
		02 / NUMBER OF BAFFLED SECTIONS	
		03 / ASPECT RATIO	
		04 / SPECIFIC COLLECTION AREA	M2-S/M3
		05 / PLATE AREA	M2
		06 / PLATE-PLATE SPACING	CM
		07 / NUMBER OF WIRES PER SECTION	
		08 / WIRE-WIRE SPACING	CM
		09 / WIRE DIAMETER	MM
		10 / GAS FLOW RATE	DNM3/MIN
		11 / PRESSURE DROP	KPA
		12 / GAS AVERAGE TEMPERATURE	DEG C
		13 / INLET MASS LOADING	MG/DNM3
		14 / GROSS MASS EFFICIENCY	%
		15 / RAPPING INTENSITY	M/S
		16 / GAS VELOCITY	M/S
		17 / APPLIED VOLTAGE	KV
		18 / SPARK RATE	NUMBER/MIN
		19 / CURRENT DENSITY	NA/CM2
		20 / LIQUID LOADING	L/S
		21 / RAPPING FREQUENCY	NUMBER/MIN
		22 / STATIC PRESSURE	KPA
		23 / TOTAL POWER CONSUMPTION	KWH
006 FILTERS	FABRIC	01 / FABRIC-TYPE	
		02 / FABRIC-SIZE	CM
		03 / FABRIC-VOID FRACTION	
		04 / AIR-CLOTH RATIO	M3/M2-MIN
		05 / NUMBER OF COMPARTMENTS	
		06 / GAS FLOW RATE	DNM3/MIN
		07 / PRESSURE DROP	KPA
		08 / STATIC PRESSURE	KPA
		09 / GAS AVERAGE TEMPERATURE	DEG C

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
		10 / INLET MASS LOADING	MG/DNM3
		11 / GROSS MASS EFFICIENCY	%
		12 / CLEANING METHOD & FREQUENCY	
		13 / FILTERING VELOCITY	M3/S
		14 / ACCUMULATED DUST ON CLOTH	G/CM2
		15 / CLOTH THICKNESS	MM
		16 / TOTAL POWER CONSUMPTION	KWH
007 FILTERS	GRANULAR	01 / FILTERING MEDIA-TYPE	
		02 / FILTERING MEDIA-SIZE	UNIT
		03 / FILTERING MEDIA-VOID FRACTION	
		04 / FILTERING MEDIA-TOTAL WEIGHT	KG
		05 / GAS FLOW RATE	DNM3/MIN
		06 / SPRAYING LIQUID FLOW RATE	L/S
		07 / STATIC PRESSURE	KPA
		08 / GAS AVERAGE TEMPERATURE	DEG C
		09 / PRESSURE DROP	KPA
		10 / INLET MASS LOADING	MG/DNM3
		11 / GROSS MASS EFFICIENCY	%
		12 / TOTAL ACCUMULATED DUST	G
		13 / CLEANING MODE	
		14 / SUPERFICIAL VELOCITY	M3/S
		15 / TOTAL POWER CONSUMPTION	KWH
008 FILTERS	VISCOUS FILTERS	01 / FABRIC-TYPE	
		02 / FABRIC-SIZE	CM
		03 / FABRIC-VOID FRACTION	
		04 / AIR-CLOTH RATIO	M3/M2-MIN
		05 / NUMBER OF COMPARTMENTS	
		06 / GAS FLOW RATE	DNM3/MIN
		07 / PRESSURE DROP	KPA
		08 / STATIC PRESSURE	DEG C
		09 / GAS AVERAGE TEMPERATURE	MG/DNM3
		10 / GROSS MASS EFFICIENCY	%
		11 / CLEANING METHOD & FREQUENCY	
		12 / FILTERING VELOCITY	M3/S
		13 / ACCUMULATED DUST ON CLOTH	G/CM2
		14 / CLOTH THICKNESS	MM
		15 / TOTAL POWER CONSUMPTION	KWH
		16 / INLET MASS LOADING	MG/DNM3
		17 / FILTERING MEDIA-TYPE	
		18 / FILTERING MEDIA-SIZE	UNIT
		19 / FILTERING MEDIA-VOID FRACTION	
		20 / FILTERING MEDIA-TOTAL WEIGHT	KG
		21 / GAS FLOW RATE	DNM3/MIN
		22 / SPRAYING LIQUID FLOW RATE	L/S
		23 / STATIC PRESSURE	KPA
		24 / GAS AVERAGE TEMPERATURE	DEG C
		25 / PRESSURE DROP	KPA
		26 / INLET MASS LOADING	MG/DNM3

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
		27 / GROSS MASS EFFICIENCY	%
		28 / TOTAL ACCUMULATED DUST	KG
		29 / CLEANING MODE	
		30 / SUPERFICIAL VELOCITY	M3-SEC
		31 / TOTAL POWER CONSUMPTION	KWH
009 FILTERS	MISCELLANEOUS FILTERS	01 / FABRIC-TYPE	
		02 / FABRIC-SIZE	CM
		03 / FABRIC-VOID FRACTION	
		04 / FABRIC TOTAL WEIGHT	KG
		05 / AIR-CLOTH RATIO	M3/M2-MIN
		06 / NUMBER OF COMPARTMENTS	
		07 / GAS FLOW RATE	DNM3/MIN
		08 / PRESSURE DROP	KPA
		09 / STATIC PRESSURE	KPA
		10 / GAS AVERAGE TEMPERATURE	DEG C
		11 / INLET MASS LOADING	MG/DNM3
		12 / GROSS MASS EFFICIENCY	%
		13 / CLEANING METHOD & FREQUENCY	
		14 / FILTERING VELOCITY	M3/S
		15 / ACCUMULATED DUST ON CLOTH	G/CM2
		16 / CLOTH THICKNESS	MM
		17 / TOTAL POWER CONSUMPTION	KWH
		18 / FILTERING MEDIA-TYPE	
		19 / FILTERING MEDIA-SIZE	UNIT
		20 / FILTERING MEDIA-VOID FRACTION	
		21 / FILTERING MEDIA-TOTAL WEIGHT	KG
		22 / GAS FLOW RATE	DNM3/MIN
		23 / SPRAYING LIQUID FLOW RATE	L/S
		24 / STATIC PRESSURE	KPA
		25 / GAS AVERAGE TEMPERATURE	DEG C
		26 / PRESSURE DROP	KPA
		27 / INLET MASS LOADING	MG/DNM3
		28 / GROSS MASS EFFICIENCY	%
		29 / TOTAL ACCUMULATED DUST	G
		30 / CLEANING MODE	
		31 / SUPERFICIAL VELOCITY	M3/S
		32 / TOTAL POWER CONSUMPTION	KWH
024 INCINERATION	DIRECT	01 / BURNER-TYPE	
		02 / BURNER-CONTACT CHARACTER	
		03 / COMBUST CHAMB-LENGTH	M
		04 / COMBUST CHAMB-DIAMETER	M
		05 / COMBUST CHAMB-TEMP	DEG C
		06 / COMBUSTION AIR FLOW RATE	M3/MIN
		07 / RATE OF HEAT INPUT	KJ/HR
		08 / GAS-INLET FLOW RATE	DNM3/MIN
		09 / GAS-OUTLET FLOW RATE	DNM3/MIN
		10 / GAS-INLET TEMPERATURE	DEG C
		11 / GAS-OUTLET TEMPERATURE	DEG C

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
		12 / STATIC PRESSURE	KPA
		13 / INLET MASS LOADING	MG/DNM3
		14 / GROSS MASS EFFICIENCY	%
		15 / PRESSURE DROP	KPA
		16 / TOTAL POWER CONSUMPTION	KWH
010 LIQUID SCRUBBERS	ABSORPTION PROCESSES	01 / TYPE OF GAS-LIQUID CONTACT	
		02 / TRAY-TYPE	
		03 / TRAY-SPACING	CM
		04 / ACTUAL NUMBER OF TRAYS	
		05 / OVERALL TRAY EFFICIENCY	%
		06 / LIQUID CHARAC-INLET CHEM COMP	CMPDS,MOLE FRACTIONS
		07 / LIQUID CHARAC-AVG LIQUID TEMP	DEG C
		08 / LIQUID CHARAC-FLOW RATE	L/S
		09 / GAS FLOW RATE	DNM3/MIN
		10 / STATIC PRESSURE	KPA
		11 / GAS AVERAGE PRESSURE	DEG C
		12 / PRESSURE DROP	KPA
		13 / INLET MASS LOADING	MG/DNM3
		14 / GROSS MASS EFFICIENCY	%
		15 / GAS VELOCITY	M3/S
		16 / AGITATION SPEED	RPM
		17 / TOTAL POWER CONSUMPTION	KWH
011 LIQUID SCRUBBERS	SPRAY TYPE SCRUBBERS	01 / LIQUID DISPERSING DEVICE	
		02 / GAS-LIQUID CONTACT TIME	S
		03 / TOTAL TRANSFER SURFACE AREA	CM2
		04 / DEMISTER TYPE	
		05 / LIQUID CHARAC-INLET CHEM COMP	CMPDS,MOLE FRACTIONS
		06 / LIQUID CHARAC-AVG TEMP	DEG C
		07 / LIQUID CHARAC-FLOW RATE	L/S
		08 / GAS FLOW RATE	DNM3/MIN
		09 / DROPLET DIAMETER	MM
		10 / DROPLET TERMINAL SETTING VELO	CM/SEC
		11 / DROPLET HOLD UP	
		12 / STATIC PRESSURE	KPA
		13 / GAS AVERAGE TEMPERATURE	DEG C
		14 / PRESSURE DROP	KPA
		15 / INLET MASS LOADING	MG/DNM3
		16 / GROSS MASS EFFICIENCY	%
		17 / TOTAL POWER CONSUMPTION	KWH
012 LIQUID SCRUBBERS	CENTRIFUGAL SCRUBBERS	01 / GAS INLET CROSS-SECTION AREA	CM2
		02 / CONE APEX DIAMETER	CM
		03 / MAJOR CYLINDER DIAMETER	CM
		04 / CONE HEIGHT	CM
		05 / GAS FLOW RATE	DNM3/MIN
		06 / GAS OUTLET DIAMETER	CM
		07 / STATIC PRESSURE	KPA
		08 / GAS AVERAGE TEMPERATURE	DEG C

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
		09 / ENTRANCE VELOCITY	M3/S
		10 / NUMBER OF TUBES	
		11 / INLET MASS LOADING	MG/DNM3
		12 / GROSS MASS EFFICIENCY	%
		13 / PRESSURE DROP	KPA
		14 / TOTAL POWER CONSUMPTION	KWH
		15 / LIQUID DISPERSING DEVICE	
		16 / GAS-LIQUID CONTACT TIME	S
		17 / TOTAL TRANSFER SURFACE ARE	CM2
		18 / DEMISTER TYPE	
		19 / LIQUID CHARAC-INLET CHEM COMP	CMPDS,MOLE FRACTIONS
		20 / LIQUID CHARAC-AVERAGE TEMP	DEG C
		21 / LIQUID CHARAC-FLOW RATE	L/S
		22 / GAS FLOW RATE	DNM3/MIN
		23 / DROPLET DIAMETER	MM
		24 / DROPLET TERMINAL SETTLG VELOC	CM/SEC
		25 / DROPLET HOLD UP	
013 LIQUID SCRUBBERS	IMPINGEMENT SCRUBBERS	01 / LIQUID DISPERSING DEVICE	
		02 / GAS-LIQUID CONTACT TIME	S
		03 / TOTAL TRANSFER SURFACE AREA	CM2
		04 / DEMISTER TYPE	
		05 / LIQUID CHARAC-INLET CHEM COMP	CMPDS,MOLE FRACTIONS
		06 / LIQUID CHARAC-AVG. TEMP	DEG C
		07 / LIQUID CHARAC-FLOW RATE	L/S
		08 / GAS FLOW RATE	DNM3/MIN
		09 / DROPLET DIAMETER	MM
		10 / DROPLET TERMINAL SETTLING VEL	CM/SEC
		11 / DROPLET HOLD UP	
		12 / STATIC PRESSURE	KPA
		13 / GAS AVERAGE TEMPERATURE	DEG C
		14 / PRESSURE DROP	KPA
		15 / INLET MASS LOADING	MG/DNM3
		16 / GROSS MASS EFFICIENCY	%
		17 / TOTAL POWER CONSUMPTION	KWH
014 LIQUID SCRUBBERS	ORIFICE TYPE	01 / LIQUID DISPERSING DEVICE	
		02 / GAS-LIQUID CONTACT TIME	S
		03 / TOTAL TRANSFER SURFACE AREA	CM2
		04 / DEMISTER TYPE	
		05 / LIQUID CHARAC-INLET CHEM COMP	CMPDS,MOLE FRACTIONS
		06 / LIQUID CHARAC-AVG TEMP	DEG C
		07 / LIQUID CHARAC-FLOW RATE	L/S
		08 / GAS FLOW RATE	DNM3/MIN
		09 / DROPLET DIAMETER	MM
		10 / DROPLET TERMINAL SETTLING VEL	CM/SEC
		11 / DROPLET HOLD UP	
		12 / STATIC PRESSURE	KPA
		13 / GAS AVERAGE TEMPERATURE	DEG C
		14 / PRESSURE DROP	KPA

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
		15 / INLET MASS LOADING	MG/DNM3
		16 / GROSS MASS EFFICIENCY	%
		17 / TOTAL POWER CONSUMPTION	KWH
015 LIQUID SCRUBBERS	VENTURI SCRUBBERS	01 / LIQUID DISPERSING DEVICE	
		02 / GAS-LIQUID CONTACT TIME	S
		03 / TOTAL TRANSFER SURFACE AREA	CM2
		04 / DEMISTER TYPE	
		05 / LIQUID CHARAC-INLET CHEM COMP	CMPDS,MOLE FRACTIONS
		06 / LIQUID CHARAC-AVERAGE TEMP	DEG C
		07 / LIQUID CHARAC-FLOW RATE	L/S
		08 / GAS FLOW RATE	DNM3/MIN
		09 / DROPLET DIAMETER	MM
		10 / DROPLET TERMINAL SETTLING VEL	CM/SEC
		11 / DROPLET HOLD UP	
		12 / STATIC PRESSURE	KPA
		13 / GAS AVERAGE TEMPERATURE	DEG C
		14 / PRESSURE DROP	KPA
		15 / INLET MASS LOADING	MG/DNM3
		16 / GROSS MASS EFFICIENCY	%
		17 / TOTAL POWER CONSUMPTION	KWH
016 LIQUID SCRUBBERS	PACKED COLUMNS	01 / PACKING MATERIAL-TYPE	
		02 / PACKING MATERIAL-SIZE	CM
		03 / BED CHARACTERISTIC-TYPE	
		04 / BED CHARACTERISTIC-DEPTH	CM
		05 / BED CHARACTERISTIC-VOID FRACT	
		06 / BED CHARACTERISTIC-TRANS SURF	CM2/CM3
		07 / DEMISTER TYPE	
		08 / TOTAL MASS OF PACKING MATERIA	KG
		09 / LIQUID CHARAC-INLET CHEM COMP	CMPDS,MOLE FRACTIONS
		10 / LIQUID CHARAC-AVG. TEMP	DEG C
		11 / LIQUID CHARAC-FLOW RATE	L/S
		12 / GAS FLOW RATE	DNM3/MIN
		13 / GAS VELOCITY THROUGH BED	M/S
		14 / STATIC PRESSURE	KPA
		15 / GAS AVERAGE TEMPERARURE	DEG C
		16 / INLET MASS LOADING	MG/DNM3
		17 / PRESSURE DROP	KPA
		18 / GROSS MASS EFFICIENCY	%
		19 / TOTAL POWER CONSUMPTION	KWH
017 LIQUID SCRUBBERS	PLATE COLUMNS	01 / TYPE OF GAS-LIQUID CONTACT	
		02 / TRAY-TYPE	
		03 / TRAY-SPACING	CM
		04 / ACTUAL NUMBER OF TRAYS	
		05 / OVERALL TRAY EFFICIENCY	%
		06 / LIQUID CHARAC-INLET CHEM COMP	CMPDS,MOLE FRACTIONS
		07 / LIQUID CHARAC-AVG.LIQUID TEMP	DEG C
		08 / LIQUID CHARAC-FLOW RATE	L/S

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
		09 / GAS FLOW RATE	DNM3/MIN
		10 / STATIC PRESSURE	KPA
		11 / GAS AVERAGE TEMP	DEG C
		12 / PRESSURE DROP	KPA
		13 / INLET MASS LOADING	MG/DNM3
		14 / GROSS MASS EFFICIENCY	%
		15 / GAS VELOCITY	M3/S
		16 / AGITATION SPEED	RPM
		17 / TOTAL POWER CONSUMPTION	KWH
018 LIQUID SCRUBBERS	WETTED WALL COLUMNS	01 / TYPE OF GAS-LIQUID CONTACT	
		02 / TRAY-TYPE	
		03 / TRAY SPACING	M3
		04 / ACTUAL NUMBER OF TRAYS	
		05 / OVERALL TRAY EFFICIENCY	%
		06 / LIQUID CHARAC-INLET CHEM COMP	CMPDS,MOLE FRACTIONS
		07 / LIQUID CHARAC-AVG.LIQUID TEMP	DEG C
		08 / LIQUID CHARAC-FLOW RATE	L/S
		09 / GAS FLOW RATE	DNM3/MIN
		10 / STATIC PRESSURE	KPA
		11 / GAS AVERAGE TEMP	DEG C
		12 / PRESSURE DROP	KPA
		13 / INLET MASS LOADING	MG/DNM3
		14 / GROSS MASS EFFICIENCY	%
		15 / GAS VELOCITY	M3/S
		16 / AGITATION SPEED	RPM
		17 / TOTAL POWER CONSUMPTION	KWH
019 LIQUID SCRUBBERS	STIRRED ABSORBERS	01 / TYPE OF GAS-LIQUID CONTACT	
		02 / TRAY-TYPE	
		03 / TRAY-SPACING	CM
		04 / ACTUAL NUMBER OF TRAYS	
		05 / OVERALL TRAY EFFICIENCY	%
		06 / LIQUID CHARAC-INLET CHEM:COMP	CMPDS,MOLE FRACTIONS
		07 / LIQUID CHARAC-AVG.LIQUID TEMP	DEG C
		08 / LIQUID CHARAC-FLOW RATE	L/S
		09 / GAS FLOW RATE	DNM3/MIN
		10 / STATIC PRESSURE	KPA
		11 / GAS AVERAGE TEMP	DEG C
		12 / PRESSURE DROP	KPA
		13 / INLET MASS LOADING	MG/DNM3
		14 / GROSS MASS EFFICIENCY	%
		15 / GAS VELOCITY	M3/S
		16 / AGITATION SPEED	RPM
		17 / TOTAL POWER CONSUMPTION	KWH
020 LIQUID SCRUBBERS	ELECTROSTATIC SCRUBBER	01 / NUMBER OF SECTIONS	
		02 / NUMBER OF BAFFLED SECTIONS	
		03 / ASPECT RATIO	
		04 / SPECIFIC COLLECTION AREA	M2-S/M3

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
		05 / PLATE AREA	M2
		06 / PLATE-PLATE SPACING	CM
		07 / NUMBER OF WIRES PER SECTION	
		08 / WIRE-WIRE SPACING	CM
		09 / WIRE-DIAMETER	M3
		10 / GAS FLOW RATE	DNM3/MIN
		11 / PRESSURE DROP	KPA
		12 / GAS AVG TEMPERATURE	DEG C
		13 / INLET MASS LOADING	MG/DNM3
		14 / GROSS MASS EFFICIENCY	%
		15 / RAPPING INTENSITY	M/S
		16 / GAS VELOCITY	M/S
		17 / APPLIED VOLTAGE	KV
		18 / SPARK RATE	NUMBER/MIN
		19 / CURRENT DENSITY	NA/CM2
		20 / LIQUID LOADING	L/S
		21 / RAPPING FREQUENCY	NUMBER/MIN
		22 / STATIC PRESSURE	KPA
		23 / TOTAL POWER CONSUMPTION	KWH
		24 / TYPE OF GAS-LIQUID CONTACT	
		25 / TRAY-TYPE	
		26 / TRAY-SPACING	CM
		27 / ACTUAL NUMBER OF TRAYS	
		28 / OVERALL TRAY EFFICIENCY	%
		29 / LIQUID CHARAC-INLET CHEM COMP	CMPDS,MOLE FRACTIONS
		30 / LIQUID CHARAC-AVG LIQUID TEMP	DEG C
		31 / LIQUID CHARAC-FLOW RATE	L/S
		32 / AGITATION SPEED	RPM
001 MECHANICAL COLLECTOR	CYCLONES	01 / GAS INLET CROSS-SECTION AREA	CM2
		02 / CONE APEX DIAMETER	CM
		03 / MAJOR CYLINDER DIAMETER	CM
		04 / CONE HEIGHT	CM
		05 / GAS FLOW RATE	DNM3/MIN
		06 / GAS OUTLET DIAMETER	CM
		07 / STATIC PRESSURE	KPA
		08 / GAS AVERAGE TEMPERATURE	DEG C
		09 / ENTRANCE VELOCITY	M3/S
		10 / NUMBER OF TUBES	
		11 / INLET MASS LOADING	MG/DNM3
		12 / GROSS MASS EFFICIENCY	%
		13 / PRESSURE DROP	KPA
		14 / TOTAL POWER CONSUMPTION	KWH
002 MECHANICAL COLLECTOR	MIST ELIMINATORS	01 / ELIMIATION CHARACTERISTIC	
		02 / DETECTION TIME	MIN
		03 / MIST SETTLING VELOCITY	M3/S
		04 / GAS FLOW RATE	DNM3/MIN
		05 / GAS AVERAGE TEMPERATURE	DEG C
		06 / STATIC PRESSURE	KPA

SEQ	GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
			07 / INLET MIST LOADING	M3/MIN
			08 / GROSS MASS EFFICIENCY	%
			09 / MIST-CHEMICAL COMPOSITION	CMPDS,MOLE FRACTIONS
			10 / MIST-PH	
			11 / MIST-DIAMETER	UM
			12 / TOTAL POWER CONSUMPTION	KWH
003	MECHANICAL COLLECTOR	MISCELLANEOUS DEVICES	01 / GAS GLOW RATE	DNM3/MIN
			02 / GAS VELOCITY	M3/S
			03 / GAS AVERAGE TEMPERATURE	DEG C
			04 / INLET MASS LOADING	MG/DNM3
			05 / STATIC PRESSURE	KPA
			06 / GROSS MASS EFFICIENCY	%
			07 / PRESSURE DROP	KPA
			08 / TOTAL POWER CONSUMPTION	KWH
023	SOLID SORBENTS	ADSORPTION PROCESSES	01 / SORBENT-TYPE	
			02 / SORBENT-SIZE	MM
			03 / SORBENT-INTERNAL POROSITY	
			04 / SORBENT-SURFACE AREA	M2/G
			05 / SORBENT-AVERAGE PORE OPEN DIA	MM
			06 / TOTAL MASS SORBENT	KG
			07 / BED-TYPE	
			08 / BED-DEPTH	M
			09 / BED-VOID FRACTION	
			10 / BED-FLUIDIZED DEPTH	M
			11 / SPEC MAX ADSORPTIVE CAPACITY	G-SORBATE/G-SORBENT
			12 / GAS FLOW RATE	DNM3/MIN
			13 / GAS AVG TEMP	DEG C
			14 / GAS SUPERFICIAL VELOCITY	M3/S
			15 / STATIC PRESSURE	KPA
			16 / PRESSURE DROP	KPA
			17 / INLET MASS LOADING	MG/DNM3
			18 / SORBENT SATURATION	G-SORBATE/G-SORBENT
			19 / GROSS MASS EFFICIENCY	%
			20 / METHOD OF REGENERATION	
			21 / TOTAL POWER CONSUMPTION	KWH

TABLE A-6(b). DESIGN AND OPERATING PARAMETERS (LIQUID)

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
574 ADSORPTION	POWDERED ADSORPTION SYSTEMS	01 / INFLUENT CONCENTRATIONS	MG/L
		02 / EFFLUENT CONCENTRATIONS	MG/L
		03 / REMOVAL EFFICIENCY	%
		04 / NUMBER OF CONTRACTING STAGES	
		05 / CONTACT TIME PER STAGE	MIN
		06 / OPERATING PH	
		07 / OPERATING TEMPERATURE	DEG C
		08 / ADSORBENT-TYPE	
		09 / ADSORBENT-DOSAGE	MG/L
		10 / ADSORBENT-CONCENTRATION	%
		11 / ADSORBENT-FEED RATE	M3/S
		12 / ADSORBENT-CONSUMPTION RATE	KG/DAY
		13 / ADSORBENT-EQUILIBRIUM CONCEN.	MG/L
		14 / REMOVAL/UNIT WT. OF ADSORBENT	KG/KG
		15 / REGENERATION-METHOD	
		16 / REGEN-QUANTITY OF ADSORBENT	KG/DAY
		17 / REGEN-ADSORBENT LOSSES	%
		18 / REGEN-REGENERANT CONSUMPTION	KG REGEN/KG ADSORBENT
575 ADSORPTION	GRANULAR ADSORPTION SYSTEMS	01 / INFLUENT CONCENTRATIONS	MG/L
		02 / EFFLUENT CONCENTRATIONS	MG/L
		03 / REMOVAL EFFICIENCY	%
		04 / NUMBER OF CONTACTING STAGES	
		05 / CONTACT TIME PER STAGE	MIN
		06 / OPERATING PH	
		07 / OPERATING TEMPERATURE	DEG C
		08 / ADSORBENT-TYPE	
		09 / ADSORBENT-DOSAGE	MG/L
		10 / ADSORBENT-CONCENTRATION	%
		11 / ADSORBENT-FEED RATE	M3/S
		12 / ADSORBENT-CONSUMPTION RATE	KG/DAY
		13 / ADSORBENT-EQUILIBRIUM CONCEN.	MG/L
		14 / REMOVAL/UNIT WT. OF ADSORBENT	KG/KG
		15 / REGENERATION-METHOD	
		16 / REGEN-QUANTITY OF ADSORBENT	KG/DAY
		17 / REGEN-ADSORBENT LOSSES	%
		18 / REGEN-REGENERANT CONSUMPTION	KG REGEN/KG ADSORBENT
		19 / VOL OF ADSORBENT PER STAGE	M3
		20 / SUPERFICIAL VELOCITY	M3/DAY-M2
576 ADSORPTION	ACTIVATED CARBON PROCESSES	01 / INFLUENT CONCENTRATIONS	MG/L
		02 / EFFLUENT CONCENTRATIONS	MG/L
		03 / REMOVAL EFFICIENCY	%
		04 / NUMBER OF CONTACTING STAGES	
		05 / CONTACT TIME PER STAGE	MIN
		06 / OPERATING PH	
		07 / OPERATING TEMPERATURE	DEG C
		08 / ADSORBENT-TYPE	
		09 / ADSORBENT-DOSAGE	MG/L

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
		10 / ADSORBENT-CONCENTRATION	%
		11 / ADSORBENT-FEED RATE	M3/S
		12 / ADSORBENT-CONSUMPTION RATE	KG/DAY
		13 / ADSORBENT-EQUILIBRIUM CONCEN.	MG/L
		14 / REMOVAL/UNIT WT. OF ADSORBENT	KG/KG
		15 / REGENERATION-METHOD	
		16 / REGEN-QUANTITY OF ADSORBENT	KG/DAY
		17 / REGEN-ADSORBENT LOSSES	%
		18 / REGEN-REGENERANT CONSUMPTION	KG REGEN/KG ADSORBENT
		19 / VOL OF ADSORBENT PER STAGE	M3
		20 / SUPERFICIAL VELOCITY	M3/DAY-M2
577 ADSORPTION	OTHER ADSORPTION PROCESSES	01 / INFLUENT CONCENTRATIONS	MG/L
		02 / EFFLUENT CONCENTRATIONS	MG/L
		03 / REMOVAL EFFICIENCY	%
		04 / NUMBER OF CONTACTING STAGES	
		05 / CONTACT TIME PER STAGE	MIN
		06 / OPERATING PH	
		07 / OPERATING TEMPERATURE	DEG C
		08 / ADSORBENT-TYPE	
		09 / ADSORBENT-DOSAGE	MG/L
		10 / ADSORBENT-CONCENTRATION	%
		11 / ADSORBENT-FEED RATE	M3/S
		12 / ADSORBENT-CONSUMPTION RATE	KG/DAY
		13 / ADSORBENT-EQUILIBRIUM CONCEN.	MG/L
		14 / REMOVAL/UNIT WT. OF ADSORBENT	KG/KG
		15 / REGENERATION-METHOD	
		16 / REGEN-QUANTITY OF ADSORBENT	KG/DAY
		17 / REGEN-ADSORBENT LOSSES	%
		18 / REGEN-REGENERANT CONSUMPTION	KG REGEN/KG ADSORBENT
		19 / VOL OF ADSORBENT PER STAGE	M3
		20 / SUPERFICIAL VELOCITY	M3/DAY-M2
559 BIOLOGICAL PROCESSES	ANAEROBIC	01 / INFLUENT CONCEN.(BOD,COD,NH3)	MG/L
		02 / EFFLUENT CONCEN.(BOD,COD,NH3)	MG/L
		03 / REMOVAL EFF.(BOD,COD,NH3)	%
		04 / LOADING(BOD,COD,NH3)	KG/M3/DAY
		05 / OPERATING TEMP-SUMMER, WINTER	DEG C
		06 / DETENTION TIME	DAYS
		07 / RATIO OF SURFACE AREA TO VOL.	M2/M3
560 BIOLOGICAL PROCESSES	FACULTATIVE POND/LAGOON	01 / INFLUENT CONCEN.(BOD,COD,NH3)	MG/L
		02 / EFFLUENT CONCEN.(BOD,COD,NH3)	MG/L
		03 / REMOVAL EFF.(BOD,COD,NH3)	%
		04 / LOADING(BOD,COD,NH3)	KG/M3/DAY
		05 / OPERATING TEMP-SUMMER, WINTER	DEG C
		06 / DETENTION TIME	DAYS
		07 / RATIO OF SURFACE AREA TO VOL.	M2/M3
561 BIOLOGICAL PROCESSES	AEROBIC LAGOONS	01 / INFLUENT CONCEN.(BOD,COD,NH3)	MG/L

SEQ	GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
			02 / EFFLUENT CONCEN.(BOD,COD,NH3)	MG/L
			03 / REMOVAL EFF.(BOD,COD,NH3)	%
			04 / LOADING(BOD,COD,NH3)	KG/M3/DAY
			05 / OPERATING TEMP-SUMMER, WINTER	DEG C
			06 / DETENTION TIME	DAYS
			07 / RATIO OF SURFACE AREA TO VOL.	M2/M3
562	BIOLOGICAL PROCESSES	AERATED LAGOONS	01 / INFLUENT CONCEN.(BOD,COD,NH3)	MG/L
			02 / EFFLUENT CONCEN.(BOD,COD,NH3)	MG/L
			03 / REMOVAL EFF.(BOD,COD,NH3)	%
			04 / SUBSTRATE REMOV.COEF.--293K	DAY-1
			05 / DETENTION TIME	DAYS
			06 / OXYGEN REQUIRED	KG/KG SUBSTRATE REMOVED
			07 / MIXING REQUIREMENTS	KW/1000M3
			08 / OPERATING TEMP (SUMMER & WINT	DEG C
563	BIOLOGICAL PROCESSES	ACTIVATED SLUDGE	01 / INFLUENT CONCEN.(BOD,COD,NH3)	MG/L
			02 / EFFLUENT CONCEN.(BOD,COD,NH3)	MG/L
			03 / REMOVAL EFF.(BOD,COD,NH3)	%
			04 / FOOD-TO-MASS RATIO	
			05 / SRT	
			06 / MIXED LIQ.SUSP.SOLID	MG/L
			07 / MIXED LIQ.VOLAT.SUSP.SOLID	MG/L
			08 / SUBSTRATE REMOV.COEF.--293K	DAY-1
			09 / DETENTION TIME	HR
			10 / OPERATING TEMP.(SUMMER&WINTER	DEG C
			11 / SLUDGE RECYCLE RATE	%
			12 / OXYGEN REQUIREMENTS	KG/KG SUBSTRATE REMOVED
			13 / MIXING REQUIREMENTS	KW/1000M3
			14 / NET SLUDGE PRODUCTION	KG/KG BOD5 REMOVED
564	BIOLOGICAL PROCESSES	TRICKLING FILTERS	01 / INFLUENT CONCEN.(BOD,COD)	MG/L
			02 / EFFLUENT CONCEN.(BOD,COD)	MG/L
			03 / REMOVAL EFF.(BOD,COD)	%
			04 / HYDRAULIC LOADING	M3/DAY-M2
			05 / SUBSTRATE LOADING	KG/M3-DAY
			06 / RECYCLE RATIO	
			07 / MEDIA SPECIFIC SURFACE AREA	M2/M3
565	BIOLOGICAL PROCESSES	OTHER AEROBIC SYSTEMS	01 / INFLUENT CONCEN.(BOD,COD,NH3)	MG/L
			02 / EFFLUENT CONCEN.(BOD,COD,NH3)	MG/L
			03 / REMOVAL EFF.(BOD,COD,NH3)	%
			04 / HYDRAULIC LOADING	M3/DAY-M2
			05 / NUMBER OF STAGES	
			06 / SUBSTRATE LOADING PER STAGE	KG/DAY-M2
			07 / ROTATIONAL SPEED	RPS
566	BIOLOGICAL PROCESSES	BIOLOGICAL COOLING TOWER	01 / WW MAKEUP CONCEN.(BOD,COD,NH3	MG/L
			02 / BLOWDOWN CONCENTRATIONS	MG/L
			03 / CIRCULATION RATE	M3/S

SEQ	GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
			04 / NUMBER OF CYCLES	
			05 / TOTAL MAKEUP RATE	M3/S
			06 / BLOWDOWN RATE	M3/S
			07 / AIR FLOW RATE	M3/S
			08 / AIR TO WATER WEIGHT RATIO	KG/KG
			09 / HYDRAULIC LOADING	M3/DAY-M2
567	BIOLOGICAL PROCESSES	AERATION - SURFACE AERATORS	01 / TOTAL OXYGEN REQUIRED	KG/DAY
			02 / OXYGEN UPTAKE RATE	MG/L/HR
			03 / MINIMUM DO CONCENTRATION	MG/L
			04 / O2 TRANSFER AT STP	KG/WS
			05 / O2 TRANSFER AT ACTUAL COND.	KG/WS
			06 / MIXING HORSEPOWER	KW/1000M3
568	BIOLOGICAL PROCESSES	SUBSURFACE AERATION-DIFFUSED AIR	01 / MINIMUM DO CONCENTRATION	MG/L
			04 / O2 TFR/UNIT AIR FLOW-STP	KG O2/S AT M3/S
			05 / O2 TFR/UNIT AIR FLOW-ACTUAL	KG O2/S AT M3/S
			06 / NUMBER OF UNITS	
			07 / TOTAL AIR REQUIRED-O2 TRANSFER	M3/S
			08 / TOTAL AIR REQUIRED-MIXING	M3/S
			09 / DEPTH OF SUBMERGENCE	M
			10 / OXYGEN TRANSFER EFFICIENCY	%
			11 / AIR COMPRESSOR--NUMBER	
			12 / AIR COMPRESSOR--HORSEPOWER,EA	KW
			13 / AIR COMPRESSOR--CAPACITY,EACH	M3/S
			14 / AIR COMPRESSOR--DISCH PRESSURE	KPA
569	BIOLOGICAL PROCESSES	SUBSURFACE AERATION-SUBMERGED TURB	01 / MINIMUM DO CONCENTRATION	MG/L
			04 / O2 TFR/UNIT AIR FLOW-STP	KG O2/S AT M3/S
			05 / O2 TFR/UNIT AIR FLOW-ACTUAL	KG O2/S AT M3/S
			06 / NUMBER OF UNITS	
			07 / TOTAL AIR REQUIRED-O2 TRANSFER	M3/S
			08 / TOTAL AIR REQUIRED-MIXING	M3/S
			09 / DEPTH OF SUBMERGENCE	M
			10 / OXYGEN TRANSFER EFFICIENCY	%
			11 / AIR COMPRESSOR--NUMBER	
			12 / AIR COMPRESSOR--HORSEPOWER,EA	KW
			13 / AIR COMPRESSOR--CAPACITY,EACH	M3/S
			14 / AIR COMPRESSOR--DISCH PRESSURE	KPA
			15 / TURBINE DRIVE H.P. PER UNIT	KW
570	BIOLOGICAL PROCESSES	SUBSURFACE AERATION-JET AERATORS	01 / MINIMUM DO CONCENTRATION	MG/L
			04 / O2 TFR/UNIT AIR FLOW-STP	KG O2/S AT M3/S
			05 / O2 TFR/UNIT AIR FLOW-ACTUAL	KG O2/S AT M3/S
			06 / NUMBER OF UNITS	
			07 / TOTAL AIR REQUIRED-O2 TRANSFER	M3/S
			08 / TOTAL AIR REQUIRED-MIXING	M3/S
			09 / DEPTH OF SUBMERGENCE	M
			10 / OXYGEN TRANSFER EFFICIENCY	%
			11 / AIR COMPRESSOR--NUMBER	

SEQ	GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
			12 / AIR COMPRESSOR--HORSEPOWER,EA	KW
			13 / AIR COMPRESSOR--CAPACITY,EACH	M3/S
			14 / AIR COMPRESSOR--DISCH PRESSURE	KPA
			15 / CIRCULATION PUMP-NUMBER	
			16 / CIRCULATION PUMP-CAPACITY,EA.	M3/S
			17 / CIRCULATION PUMP HORSEPWR-EA	KW
			18 / AIR TO WATER POWER RATIO	
519	CENTRIFUGATION	HYDROCYCLONES	01 / INFLUENT SOLIDS CONCENTRATION	%
			02 / UNDERFLOW SOLIDS CONC.(DRY)	%
			03 / OVERFLOW SOLIDS CONCENTRATION	MG/L
			04 / SPECIFIC GRAVITY OF LIQUIDS	
			05 / SPECIFIC GRAVITY OF SOLIDS	
			06 / DIFFERENTIAL PRESSURE	KPA
			07 / SIZE OF SOLIDS REJECTED	UM
520	CENTRIFUGATION	BASKET CENTRIFUGES	01 / FEED SOLIDS CONCENTRATION	%
			02 / CENTRATE SOLIDS CONCENTRATION	MG/L
			03 / CAKE DRY SOLIDS	%
			04 / CAKE DENSITY	KG/M3
			05 / CENTRIFUGE CYCLE	MIN
			06 / SOLIDS RECOVERY	%
			07 / CAKE VOLUME	M3/S
			08 / CENTRATE VOLUME	M3/S
			09 / BOWL SPEED	RPS
			10 / CENTRIFUGAL FORCE	NEWTON
			11 / CHEM CONDITIONER (TYPE&DOSAGE	KG/1000 KG DRY SOLIDS
			12 / CENTRATE RECYCLE RATE	%
521	CENTRIFUGATION	SOLID BOWL CENTRIFUGES	01 / FEED SOLIDS CONCENTRATION	%
			02 / CENTRATE SOLIDS CONCENTRATION	MG/L
			03 / CAKE DRY SOLIDS	%
			04 / CAKE DENSITY	KG/M3
			05 / CENTRIFUGE CYCLE	MIN
			06 / SOLIDS RECOVERY	%
			07 / CAKE VOLUME	M3/S
			08 / CENTRATE VOLUME	M3/S
			09 / BOWL SPEED	RPS
			10 / CENTRIFUGAL FORCE	NEWTON
			11 / CHEM CONDITIONER (TYPE&DOSAGE	KG/1000 KG DRY SOLIDS
			12 / CENTRATE RECYCLE RATE	%
522	CENTRIFUGATION	DISC CENTRIFUGES	01 / FEED SOLIDS CONCENTRATION	%
			02 / CENTRATE SOLIDS CONCENTRATION	MG/L
			03 / CAKE DRY SOLIDS	%
			04 / CAKE DENSITY	KG/M3
			05 / CENTRIFUGE CYCLE	MIN
			06 / SOLIDS RECOVERY	%
			07 / CAKE VOLUME	M3/S
			08 / CENTRATE VOLUME	M3/S

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
		09 / BOWL SPEED	RPS
		10 / CENTRIFUGAL FORCE	NEWTON
		11 / CHEM CONDITIONER (TYPE&DOSAGE	KG/1000 KG DRY SOLIDS
		12 / CENTRATE RECYCLE RATE	%
547 CONCENTRATION	FREEZE CONCENTRATION	01 / INFLUENT CONCENTRATIONS	MG/L
		02 / PRODUCT WATER CONCENTRATIONS	MG/L
		03 / REMOVAL EFFICIENCY	%
		04 / NUMBER OF STAGES	
		05 / RECOVERY (PROD H2O/FEED H2O)	%
		06 / OPERATING TEMPERATURE	DEG C
		07 / POWER USAGE	KWH/M3
580 COOLING	COOLING TOWERS	01 / WATER INLET TEMPERATURE	DEG C
		02 / OUTLET WATER TEMPERATURE	DEG C
		03 / WET BULB TEMPERATURE	DEG C
		04 / CIRCULATION RATE	M3/S
		05 / NUMBER OF CYCLES	
		06 / BLOWDOWN RATE	%
		07 / EVAPORATION RATE	%
		08 / DRIFT	%
		09 / TOTAL MAKEUP RATE	M3/S
		10 / NUMBER OF CELLS	
		11 / WATER RATE	M3/DAY-M2
		12 / AIR RATE	M3/DAY-M2
581 COOLING	COOLING PONDS	01 / INFLUENT WASTEWATER TEMP	DEG C
		02 / EFFLUENT WASTEWATER TEMP	DEG C
		03 / WASTE HEAT LOAD	J/S
		04 / AIR TEMPERATURE	DEG C
		05 / WET BULB TEMPERATURE	DEG C
		06 / RELATIVE HUMIDITY	%
		07 / WIND VELOCITY	M/S
		08 / SURFACE AREA	M2
		09 / COOLING EFFECT	J/S-M2
		10 / SPRAY COOLERS-NUMBER	
		11 / SPRAY COOLERS-POWER,EACH	KW
		12 / SPRAY COOLERS-HEAT DISSIPATIO	J/KW-S
545 DISTILLATION	DISTILLATION PROCESSES	01 / FEED COMPOSITION	%
		02 / OVERHEAD COMPOSITION	%
		03 / PRODUCT COMPOSITION	%
		04 / OPERATING TEMPERATURE	DEG C
		05 / OPERATING PRESSURE	KPA
		06 / NUMBER OF STAGES	
		07 / REFLUX RATIO	
		08 / DENSITY OF LIQ. AT OP.COND	KG/M3
		09 / DENSITY OF VAPOR AT OP.COND	KG/M3
		10 / PRESSURE DROP	KPA
		11 / PERCENT OF FLOODING	%

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
546 DISTILLATION	TYPE OF COLUMN	01 / PACKING-TYPE	
		02 / PACKING-NOMINAL SIZE	CM
		03 / PACKING-NO. OF TRANSFER UNITS	
		04 / PACKING-HT. OF TRANSFER UNITS	M/UNIT
		05 / PACKING-FACTOR	
		06 / PACKING-HEIGHT	M
		07 / PACKING-VOLUME	M3
		08 / PACKING-PR.DROP/M OF PACK.HT.	KPA
		09 / TRAYS-TYPE	
		10 / TRAYS-SPACING	CM
		11 / TRAYS-NO.OF THEORETICAL TRAYS	
		12 / TRAYS-NO.OF ACTUAL TRAYS	
		13 / TRAYS-OVERALL TRAY EFFICIENCY	%
		14 / TRAYS-PRESSURE DROP	KPA/TRAY
		15 / TRAYS-SUPERFICIAL LIN GAS VEL	M3/S-M2
540 EVAPORATION	EVAPORATION PROCESSES	01 / FEED LIQUOR CONCENTRATION	%
		02 / STRONG LIQUOR CONCENTRATION	%
		03 / VAPOR CONCENTRATION	MG/L
		04 / FEED LIQUOR - TEMPERATURE	DEG C
		05 / FEED LIQUOR - SPECIFIC HEAT	J/G-DEG C
		06 / FEED LIQUOR - BOILING POINT	DEG C
		07 / NUMBER OF EFFECTS	
		08 / COEFFICIENT OF HEAT TRANSFER	J/S-M2-DEG C
		09 / STEAM CONSUMP. AT PRESSURE	KG/S
		10 / EVAPORATION RATE	KG/S
		11 / TEMPERATURE DROP	DEG C
		12 / RECIRCULATION RATE	M3/S
		13 / TUBE VELOCITY	M/S
541 EVAPORATION	TUBULAR EVAPORATORS	01 / FEED LIQUOR CONCENTRATION	%
		02 / STRONG LIQUOR CONCENTRATION	%
		03 / VAPOR CONCENTRATION	MG/L
		04 / FEED LIQUOR - TEMPERATURE	DEG C
		05 / FEED LIQUOR - SPECIFIC HEAT	J/G-DEG C
		06 / FEED LIQUOR - BOILING POINT	DEG C
		07 / NUMBER OF EFFECTS	
		08 / COEFFICIENT OF HEAT TRANSFER	J/S-M2-DEG C
		09 / STEAM CONSUMP. AT PRESSURE	KG/S
		10 / EVAPORATION RATE	KG/S
		11 / TEMPERATURE DROP	DEG C
		12 / RECIRCULATION RATE	M3/S
		13 / TUBE VELOCITY	M/S
542 EVAPORATION	FILM TYPE EVAPORATORS	01 / FEED LIQUOR CONCENTRATION	%
		02 / STRONG LIQUOR CONCENTRATION	%
		03 / VAPOR CONCENTRATION	MG/L
		04 / FEED LIQUOR - TEMPERATURE	DEG C
		05 / FEED LIQUOR - SPECIFIC HEAT	J/G-DEG C

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
		06 / FEED LIQUOR - BOILING POINT	DEG C
		07 / NUMBER OF EFFECTS	
		08 / COEFFICIENT OF HEAT TRANSFER	J/S-M2-DEG C
		09 / STEAM CONSUMP. AT PRESSURE	KG/S
		10 / EVAPORATION RATE	KC/S
		11 / TEMPERATURE DROP	DEG C
		12 / RECIRCULATION RATE	M3/S
		13 / TUBE VELOCITY	M/S
543 EVAPORATION	SPRAY EVAPORATORS	01 / INFLUENT CONCENTRATION	%
		02 / EVAPORATION RATE	KG/S
		03 / GAS FLOW RATE	M3/S
		04 / GAS INLET & OUTLET TEMPS.	DEG C
		05 / EXPOSURE TIME	MIN
544 EVAPORATION	HEATED TANKS & VESSELS	01 / FEED LIQUOR CONCENTRATION	%
		02 / STRONG LIQUOR CONCENTRATION	%
		03 / VAPOR CONCENTRATION	MG/L
		04 / FEED LIQUOR - TEMPERATURE	DEG C
		05 / FEED LIQUOR - SPECIFIC HEAT	J/G-DEG C
		06 / FEED LIQUOR - BOILING POINT	DEG C
		07 / NUMBER OF EFFECTS	
		08 / COEFFICIENT OF HEAT TRANSFER	J/S-M2-DEG C
		09 / STEAM CONSUMP. AT PRESSURE	KG/S
		10 / EVAPORATION RATE	KG/S
		11 / TEMPERATURE DROP	DEG C
		12 / RECIRCULATION RATE	M3/S
		13 / TUBE VELOCITY	M/S
		14 / DETENTION TIME	MIN
529 FILTRATION	PIPELINE FILTERS & STRAINERS	01 / INFLUENT TSS CONCENTRATION	MG/L
		02 / EFFLUENT TSS CONCENTRATION	MG/L
		03 / REMOVAL EFFICIENCY	%
		04 / DIFFERENTIAL PRESSURE	KPA
		05 / NOMINAL PARTICLE RETENTION	UM
		06 / BAG/ELEMENT SERVICE LIFE	DAYS
		07 / HYDRAULIC LOADING	M3/DAY-M2
530 FILTRATION	GRANULAR BED FILTERS	01 / INFLUENT TSS CONCENTRATION	MG/L
		02 / EFFLUENT TSS CONCENTRATION	MG/L
		03 / REMOVAL EFFICIENCY	%
		04 / PRESSURE DROP	KPA
		05 / HYDRAULIC LOADING RATE	M3/DAY-M2
		06 / SOLIDS LOADING RATE	KG/DAY-M2
		07 / SERVICE CYCLE TIME	HR
		08 / FILTRATE VOLUME PER CYCLE	M3
531 FILTRATION	LEAF FILTERS	01 / FEED SOLIDS CONCENTRATION	%
		02 / FILTRATE SOLIDS CONCENT	MG/L
		03 / SOLIDS LOADING	KG/DAY-M2

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
		04 / FILTRATE RATE	M3/DAY-M2
		05 / FILTRATION CYCLE TIME	HR
		06 / CAKE DRY SOLIDS	%
		07 / CAKE THICKNESS	CM
		08 / CAKE DENSITY	KG/M3
		09 / PRESSURE DROP	KPA
		10 / BODY FEED (TYPE AND DOSAGE)	KG/KG DRY SOLIDS
		11 / PRECOAT LOADING	KG/CYCLE
		12 / PRECOAT THICKNESS	CM
		13 / NUMBER OF CHAMBERS	
		14 / FILTER MEDIA (MATERIAL & MESH	
		15 / CHEM.COND.-TYPE & DOSAGE	KG/1000 KG DRY SOLIDS
532 FILTRATION	TUBULAR FILTERS	01 / FEED SOLIDS CONCENTRATION	%
		02 / FILTRATE SOLIDS CONCENT.	MG/L
		03 / SOLIDS LOADING	KG/DAY-M2
		04 / FILTRATE RATE	M3/DAY-M2
		05 / FILTRATION CYCLE TIME	HR
		06 / CAKE DRY SOLIDS	%
		07 / CAKE THICKNESS	CM
		08 / CAKE DENSITY	KG/M3
		09 / PRESSURE DROP	KPA
		10 / BODY FEED (TYPE AND DOSAGE)	KG/KG DRY SOLIDS
		11 / PRECOAT LOADING	KG/CYCLE
		12 / PRECOAT THICKNESS	CM
		13 / NUMBER OF CHAMBERS	
		14 / FILTER MEDIA (MATERIAL & MESH	
		15 / CHEM.COND.-TYPE & DOSAGE	KG/1000KG DRY SOLIDS
533 FILTRATION	PRESSURE FILTERS	01 / FEED SOLIDS CONCENTRATION	%
		02 / FILTRATE SOLIDS CONCENT.	MG/L
		03 / SOLIDS LOADING	KG/DAY-M2
		04 / FILTRATE RATE	M3/DAY-M2
		05 / FILTRATION CYCLE TIME	HR
		06 / CAKE DRY SOLIDS	%
		07 / CAKE THICKNESS	CM
		08 / CAKE DENSITY	KG/M3
		09 / PRESSURE DROP	KPA
		10 / BODY FEED (TYPE AND DOSAGE)	KG/KG DRY SOLIDS
		11 / PRECOAT LOADING	KG/CYCLE
		12 / PRECOAT THICKNESS	CM
		13 / NUMBER OF CHAMBERS	
		14 / FILTER MEDIA (MATERIAL & MESH	
		15 / CHEM.COND.-TYPE & DOSAGE	KG/1000KG DRY SOLIDS
534 FILTRATION	DISC FILTERS	01 / FEED SOLIDS CONCENTRATION	%
		02 / FILTRATE SOLIDS CONCEN.	MG/L
		03 / SOLIDS RECOVERY	%
		04 / YIELD (DRY SOLIDS)	KG/DAY-M2
		05 / FILTRATE RATE	M3/DAY-M2

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
		06 / CAKE DRY SOLIDS	%
		07 / CAKE THICKNESS	CM
		08 / CAKE DENSITY	KG/M3
		09 / VACUUM	KPA
		10 / AIR FLOW RATE	M3/DAY-M2
		11 / SUBMERGENCE	%
		12 / ROTATIONAL SPEED	RPS
		13 / BODY FEED (TYPE AND DOSAGE)	KG/KG DRY SOLIDS
		14 / PRECOAT LOADING	KG/CYCLE
		15 / PRECOAT THICKNESS	CM
		16 / FILTER MEDIA (MATERIAL &MESH)	
		17 / CHEM.COND.-TYPE & DOSAGE	KG/1000 KG DRY SOLIDS
535 FILTRATION	DRUM FILTERS	01 / FEED SOLIDS CONCENTRATION	%
		02 / FILTRATE SOLIDS CONCEN.	MG/L
		03 / SOLIDS RECOVERY	%
		04 / YIELD (DRY SOLIDS)	KG/DAY-M2
		05 / FILTRATE RATE	M3/DAY-M2
		06 / CAKE DRY SOLIDS	%
		07 / CAKE THICKNESS	CM
		08 / CAKE DENSITY	KG/M3
		09 / VACUUM	KPA
		10 / AIR FLOW RATE	M3/DAY-M2
		11 / SUBMERGENCE	%
		12 / ROTATIONAL SPEED	RPS
		13 / BODY FEED (TYPE AND DOSAGE)	KG/KG DRY SOLIDS
		14 / PRECOAT LOADING	KG/CYCLE
		15 / PRECOAT THICKNESS	CM
		16 / FILTER MEDIA (MATERIAL &MESH)	
		17 / CHEM.COND.-TYPE & DOSAGE	KG/1000 KG DRY SOLIDS
536 FILTRATION	HORIZONTAL FILTERS	01 / FEED SOLIDS CONCENTRATION	%
		02 / FILTRATE SOLIDS CONCEN.	MG/L
		03 / SOLIDS RECOVERY	%
		04 / YIELD (DRY SOLIDS)	KG/DAY-M2
		05 / FILTRATE RATE	M3/DAY-M2
		06 / CAKE DRY SOLIDS	%
		07 / CAKE THICKNESS	CM
		08 / CAKE DENSITY	KG/M3
		09 / VACUUM	KPA
		10 / AIR FLOW RATE	M3/DAY-M2
		11 / SUBMERGENCE	%
		12 / ROTATIONAL SPEED	RPS
		13 / BODY FEED (TYPE AND DOSAGE)	KG/KG DRY SOLIDS
		14 / PRECOAT LOADING	KG/CYCLE
		15 / PRECOAT THICKNESS	CM
		16 / FILTER MEDIA (MATERIAL &MESH)	
		17 / CHEM.COND.-TYPE & DOSAGE	KG/1000 KG DRY SOLIDS
514 FLOCCULATION	FLOCCULATORS	01 / DETENTION TIME PER STAGE	MIN

SEQ	GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
			02 / NUMBER OF STAGES	
			03 / POWER PER UNIT VOLUME	KW/M3
			04 / TIP SPEED	M/S
			05 / VELOCITY GRADIENT	SEC-1
			06 / ROTATIONAL SPEED	RPS
			07 / LIQUID SPECIFIC GRAVITY	
			08 / SOLIDS SPECIFIC GRAVITY	
			09 / LIQUID VISCOSITY	S-KPA
			10 / MIXING TEMPERATURE	DEG C
			11 / SOLIDS CONCENTRATION IN MIX	%
			12 / SOLIDS SETTLING VELOCITY	M/S
			13 / PARTICLE SIZE	MM
			14 / PRESSURE DROP	KPA
515	FLOTATION	MECHANICAL SUBAERATION CELLS	01 / INFLUENT CONCEN. (TSS,OIL)	MG/L
			02 / EFFLUENT CONCEN. (TSS,OIL)	MG/L
			03 / REMOVAL EFFICIENCY	%
			04 / FLOAT CONCEN. (TSS,OIL)	%
			05 / FLOAT REMOVAL RATE	M3/S
			06 / OPERATING TEMPERATURE	DEG C
			07 / DETENTION TIME PER CELL	MIN
			08 / NUMBER OF CELLS	
516	FLOTATION	PNEUMATIC CELLS	01 / INFLUENT SOLIDS CONCENTRATION	%
			02 / EFFLUENT SOLIDS CONCENTRATION	%
			03 / FROTH SOLIDS CONC.(DRY SOLID)	%
			04 / UNDERFLOW SOLIDS CONC.(DRY)	%
			05 / NUMBER OF CELLS	
			06 / FLOTATION TIME PER CELL	MIN
			07 / AIR CONSUMPTION	M3/1000 M3 WW TREATED
517	FLOTATION	DISSOLVED AIR UNITS	01 / INFLUENT CONCEN.(TSS OIL)	MG/L
			02 / EFFLUENT CONCEN.(TSS,OIL)	MG/L
			03 / REMOVAL EFFICIENCY	%
			04 / OVERFLOW RATE	M3/DAY-M2
			05 / SOLIDS FLUX	KG/DAY-M2
			06 / DETENTION TIME	MIN
			07 / RECYCLE RATE	%
			08 / RECYCLE PRESSURE	KPA
			09 / OPERATING TEMPERATURE	DEG C
			10 / AIR TO SOLIDS (OIL) RATIO	KG/KG
			11 / SLUDGE UNDERFLOW RATE	M3/S
			12 / SLUDGE UNDERFLOW SOLIDS CONC.	%
			13 / FLOAT REMOVAL RATE	M3/S
			14 / FLOAT CONCENTRATION (DRY SOLD	%
518	FLOTATION	FLOTATION CONDITIONERS	01 / DOSAGE	MG/L
			02 / FEED RATE	M3/S
			03 / FEED CONCENTRATION	%

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
554 GAS-LIQUID STRIPPING	MISC. EQUIPMENT/PROCESSES	01 / FEED WASTEWATER CHAR - CONCEN	MG/L
		02 / FEED WASTEWATER CHAR - TEMP	DEG C
		03 / FEED WASTEWATER CHAR - PH	
		04 / STRIPPED WW CHAR - CONC	MG/L
		05 / STRIPPED WW CHAR - TEMP	DEG C
		06 / STRIPPED WW CHAR - PH	
		07 / REMOVAL EFFICIENCY	%
		08 / STRIPPING GAS & FLOW RATE	M3/S
		09 / STRIPPING GAS / VOL WW TREAT.	M3/S-M3
		10 / SUPERFICIAL LIQUID FLOW RATE	KG/S-M2
		11 / SUPERFICIAL GAS FLOW RATE	KG/S-M2
		12 / SUPERFICIAL GAS VELOCITY	M/S
		13 / TOWER PRESSURE DROP	KPA
		14 / RECYCLE RATE	M3/S
		15 / PACKING - TYPE AND SIZE	CM
		16 / PACKING - NO.OF TRANSFER UNIT	
		17 / PACKING - HT.OF A TRANSFER UN	M/UNIT
		18 / PACKING - HEIGHT	M
		19 / PACKING - PRESS.DROP/LENGTH	KPA/M
		20 / PACKING - PRESSURE DROP PER M	KPA
		21 / TRAYS - TYPE	
		22 / TRAYS - SPACING	CM
		23 / TRAYS - ACTUAL NO. OF TRAYS	
		24 / TRAYS - OVERALL TRAY EFFICIEN	%
		25 / TRAYS - PRESSURE DROP	KPA/TRAY
578 ION EXCHANGE SYSTEMS	COLUMN OPERATION	01 / INFLUENT CONCENTRATIONS	MG/L
		02 / EFFLUENT CONCENTRATIONS	MG/L
		03 / INFLUENT EXCHANGABLE CATIONS	MG/L AS CACO3
		04 / EFFLUENT EXCHANGABLE ANIONS	MG/L AS CACO3
		05 / INFLUENT PH	
		06 / EFFLUENT PH	
		07 / HYDRAULIC LOADING	M3/DAY-M2
		08 / RESIN EXCH. CAP.(CATION,ANION)	KG CACO3/M3 RESIN
		09 / REGENERATION LEVEL(ACID,BASE)	KG/M3 OF RESIN
		10 / VOLUME OF RESIN(CATION,ANION)	M3
		11 / PRESSURE DROP	KPA
		12 / REGENERATION TEMPERATURE	DEG C
		13 / SERVICE CYCLE	HR
		14 / REGENERATION CYCLE	HR
		15 / REGENERATION FREQUENCY	#/1000 M3 WW TREATED
		16 / REGEN.CHEM.CONSUMP.(ACID/BASE)	KG/1000M3 OF WW TRT
		17 / TOT VOL OF REGEN WASTES	M3 PER REGENERATION
579 ION EXCHANGE SYSTEMS	CONTINUOUS REGENERATION	01 / INFLUENT CONCENTRATIONS	MG/L
		02 / EFFLUENT CONCENTRATIONS	MG/L
		03 / INFLUENT EXCHANGABLE CATIONS	MG/L AS CACO3
		04 / EFFLUENT EXCHANGABLE ANIONS	MG/L AS CACO3
		05 / INFLUENT PH	
		06 / EFFLUENT PH	

SEQ	GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
			07 / HYDRAULIC LOADING	M3/DAY-M2
			08 / RESIN EXCH. CAP.(CATION,ANION)	KG CACO3/M3 RESIN
			09 / REGENERATION LEVEL(ACID,BASE)	KG/M3 OF RESIN
			10 / VOLUME OF RESIN(CATION,ANION)	M3
			11 / PRESSURE DROP	KPA
			12 / REGENERATION TEMPERATURE	DEG C
			13 / SERVICE CYCLE	HR
			14 / REGENERATION CYCLE	HR
			15 / REGENERATION FREQUENCY	#/1000 M3 WW TREATED
			16 / REGEN.CHEM.CONSUMP.(ACID/BASE)	KG/1000M3 OF WW TRT
			17 / TOT VOL OF REGEN WASTES	M3 PER REGENERATION
548	LIQUID-LIQUID EXTRAC	EXTRACTION PROCESSES	01 / SOLUTE CONCEN. - FEED	%
			02 / SOLUTE CONCEN. - EXTRACT	%
			03 / SOLUTE CONCEN. - RAFFINATE	%
			04 / REMOVAL EFFICIENCY	%
			05 / SOLVENT TO FEED RATIO	
			06 / REFLUX RATE - EXTRACT	M3/S
			07 / REFLUX RATE - RAFFINATE	M3/S
			08 / NUMBER OF STAGES	
			09 / OPERATING TEMPERATURE	DEG C
549	LIQUID-LIQUID EXTRAC	MIXER-SETTLERS	01 / SOLUTE CONCEN. - FEED	%
			02 / SOLUTE CONCEN. - EXTRACT	%
			03 / SOLUTE CONCEN. - RAFFINATE	%
			04 / REMOVAL EFFICIENCY	%
			05 / SOLVENT TO FEED RATIO	
			06 / REFLUX RATE - EXTRACT	M3/S
			07 / REFLUX RATE - RAFFINATE	M3/S
			08 / NUMBER OF STAGES	
			09 / OPERATING TEMPERATURE	DEG C
			10 / MIXER - DETENTION TIME	MIN
			11 / MIXER - POWER INPUT	KW/1000M3
			12 / MIXER - ROTATIONAL SPEED	RPS
			13 / SETTLER - DETENTION TIME	MIN
			14 / SETTLER - SUPERFICIAL VEL.	M3/S-M2
550	LIQUID-LIQUID EXTRAC	DIFFERENTIAL CONTACT GRAV COLUMNS	01 / FLOODING VELOCITY	M3/S-M2
			02 / DES.SUPERFICIAL VEL-DISPERSE	M3/S-M2
			03 / DES.SUPERFICIAL VEL-CONTIN	M3/S-M2
			04 / OVERALL TOWER EFFICIENCY	%
			05 / NUMBER OF TRANSFER UNITS	
			06 / HEIGHT OF TRANSFER UNIT	M
			07 / PACKING-TYPE & SIZE	
			08 / PACKING SIZE/TWR DIAM.RATIO	
			09 / PACKING-HEIGHT	M
			10 / PACKING-VOLUME	M3
			11 / PACKING-PRESS. DROP/HEIGHT	KPA/M
551	LIQUID-LIQUID EXTRAC	STAGED CONTACT GRAVITY COLUMNS	01 / FLOODING VELOCITY	M3/S-M2

SEQ	GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
			02 / DES.SUPERFICIAL VEL-DISPERSE	M3/S-M2
			03 / DES.SUPERFICIAL VEL-CONTIN	M3/S-M2
			04 / OVERALL TOWER EFFICIENCY	%
			05 / NUMBER OF TRANSFER UNITS	
			06 / HEIGHT OF TRANSFER UNIT	M
			07 / PACKING-TYPE & SIZE	
			08 / PACKING SIZE/TWR DIAM.RATIO	
			09 / PACKING-HEIGHT	M
			10 / PACKING-VOLUME	M3
			11 / PACKING-PRESS. DROP/HEIGHT	KPA/M
			12 / TRAYS - TYPE	
			13 / TRAYS - SPACING	CM
			14 / TRAYS - NUMBER	
552	LIQUID-LIQUID EXTRAC	MECH AGITATED/PULSED CONTRACTORS	01 / FLOODING VELOCITY	M3/S-M2
			02 / DES.SUPERFICIAL VEL-DISPERSE	M3/S-M2
			03 / DES.SUPERFICIAL VEL-CONTIN	M3/S-M2
			04 / OVERALL TOWER EFFICIENCY	%
			05 / NUMBER OF TRANSFER UNITS	
			06 / HEIGHT OF TRANSFER UNIT	M
			07 / PACKING-TYPE & SIZE	
			08 / PACKING SIZE/TWR DIAM.RATIO	
			09 / PACKING-HEIGHT	M
			10 / PACKING-VOLUME	M3
			11 / PACKING-PRESS. DROP/HEIGHT	KPA/M
			12 / TRAYS - TYPE	
			13 / TRAYS - SPACING	CM
			14 / TRAYS - NUMBER	
			15 / SOLUTE CONCEN. - FEED	%
			16 / SOLUTE CONCEN. - EXTRACT	%
			17 / SOLUTE CONCEN. - RAFFINATE	%
			18 / REMOVAL EFFICIENCY	%
			19 / SOLVENT TO FEED RATIO	
			20 / REFLUX RATE - EXTRACT	M3/S
			21 / REFLUX RATE - RAFFINATE	M3/S
			22 / NUMBER OF STAGES	
			23 / OPERATING TEMPERATURE	DEG C
			24 / AGITATED-SPEED	RPS
			25 / AGITATED-DISK DIA./TWR DIA.	
			26 / AGITATED-DISK SPACNG/TWR DIA.	
			27 / PULSED - FREQUENCY	HZ
			28 / PULSED - AMPLITUDE	CM
			29 / PULSED - VOLUME	M3/S
553	LIQUID-LIQUID EXTRAC	CENTRIFUGAL EXTRACTORS	01 / ROTATIONAL SPEED	RPS
			02 / NUMBER OF STAGES	
			03 / DELTA DENSITIES	KG/M3
537	MEMBRANE PROCESSES	ULTRAFILTRATION	01 / INFLUENT CONCENTRATIONS	MG/L
			02 / PERMEATE CONCENTRATIONS	MG/L

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
		03 / SALT REJECTION	%
		04 / RECOVERY	%
		05 / OPERATING PRESSURE	KPA
		06 / OPERATING TEMPERATURE	DEG C
		07 / FLUX	M3/DAY-M2
538 MEMBRANE PROCESSES	REVERSE OSMOSIS	01 / INFLUENT CONCENTRATIONS	MG/L
		02 / PERMEATE CONCENTRATIONS	MG/L
		03 / SALT REJECTION	%
		04 / RECOVERY	%
		05 / OPERATING PRESSURE	KPA
		06 / OPERATING TEMPERATURE	DEG C
		07 / FLUX	M3/DAY-M2
539 MEMBRANE PROCESSES	ELECTRODIALYSIS	01 / INFLUENT CONCENTRATIONS	MG/L
		02 / EFFLUENT CONCENTRATIONS	MG/L
		03 / OPERATING TEMPERATURE	DEG C
		04 / DIFFERENTIAL PRESSURE	KPA
		05 / CURRENT EFFICIENCY	%
		06 / POWER CONSUMPTION	J/M3
		07 / CURRENT DENSITY	A/M2
		08 / VOLTAGE	VOLTS/CELL PAIR
		09 / FLOW VELOCITY	M/S
		10 / REMOVAL PER STACK	%
		11 / RECIRCULATION RATIO	%
513 MIXING	MIXERS	01 / DETENTION TIME PER STAGE	MIN
		02 / NUMBER OF STAGES	
		03 / POWER PER UNIT VOLUME	KW/M3
		04 / TIP SPEED	M/S
		05 / VELOCITY GRADIENT	SEC-1
		06 / ROTATIONAL SPEED	RPS
		07 / LIQUID SPECIFIC GRAVITY	
		08 / SOLIDS SPECIFIC GRAVITY	
		09 / LIQUID VISCOSITY	S-KPA
		10 / MIXING TEMPERATURE	DEG C
		11 / SOLIDS CONCENTRATION IN MIX	%
		12 / SOLIDS SETTLING VELOCITY	M/S
		13 / PARTICLE SIZE	MM
		14 / PRESSURE DROP	KPA
507 OIL SEPARATION/REMOV	OIL SKIMMERS	01 / OIL CONCENTRATION	%
		02 / OIL SPECIFIC GRAVITY	
		03 / OIL VISCOSITY	S-KPA
		04 / OPERATING TEMPERATURE	DEG C
		05 / OIL PICKUP RATE	M3/S
508 OIL SEPARATION/REMOV	OIL-WATER SEPARATORS	01 / INFLUENT CONCEN-(OIL,TSS)	MG/L
		02 / EFFLUENT CONCEN.(OIL,TSS)	MG/L
		03 / REMOVAL EFFICIENCY	%

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
		04 / OIL SPECIFIC GRAVITY	
		05 / OPERATING TEMPERATURE	DEG C
		06 / MINIMUM OIL DROPLET DIAMETER	CM
		07 / HORIZONTAL VELOCITY	M/S
		08 / OVERFLOW RATE	M3/DAY-M2
		09 / DETENTION TIME	MIN
573 OXIDATION PROCESSES	INCINERATION	02 / FEED CONC(MTLS,ORG,HALOGENS)	MG/L
		03 / FEED-TEMPERATURE	DEG C
		04 / FEED-HEAT VALUE	J/KG
		05 / OPERATING TEMPERATURE	DEG C
		06 / AUX. FUEL-TYPE	
		07 / AUX. FUEL-CONSUMP.RATE	M3/S
		08 / AUX. FUEL-HEAT CAPACITY	J/S
		09 / EXCESS AIR	%
		10 / EXCESS OXYGEN	%
		11 / RESIDENCE TIME	S
		12 / TOTAL HEAT CAPACITY	J/S
		13 / HEAT RELEASE PER FURNACE VOL.	J/M3-S
571 OXID/REDUCT/PROCESS	WET THERMAL PROCESSES	01 / INFLUENT FEED CONCEN. (COD)	MG/L
		02 / EFFLUENT CONCENTRATION (COD)	MG/L
		03 / REDUCTION	%
		04 / WASTE FEED HEATING VALUE	J/M3
		05 / OPERATING TEMPERATURE	DEG C
		06 / OPERATING PRESSURE	KPA
		07 / REACTION TIME	HR
		08 / AIR-TO-WASTE RATIO	KG AIR/KG WASTE FEED
572 OXID/REDUCT/PROCESS	CHEMICAL OXIDATION/REDUCTION	01 / INFLUENT CONCENTRATION	MG/L
		02 / EFFLUENT CONCENTRATION	MG/L
		03 / REMOVAL EFFICIENCY	%
		04 / OPERATING PH	
		05 / OPERATING TEMPERATURE	DEG C
		06 / NUMBER OF STAGES	
		07 / DETENTION TIME PER STAGE	MIN
		08 / OXID/REDUC AGENT-DOSAGE	MG/L
		09 / OXID/REDUC AGENT-FEED CONC	%
		10 / OXID/REDUC AGENT-FEED RATE	M3/S
		11 / MIXING-DETENTION TIME/STAGE	MIN
		12 / MIXING-NUMBER OF STAGES	
		13 / MIXING-POWER PER UNIT VOLUME	KW/M3
		14 / MIXING-TIP SPEED	M/S
		15 / MIXING-VELOCITY GRADIENT	SEC-1
		16 / MIXING-ROTATIONAL SPEED	RPS
		17 / MIXING-LIQUID SPECIFIC GRAVIT	
		18 / MIXING-SOLIDS SPECIFIC GRAVIT	
		19 / MIXING-LIQUID VISCOSITY	S-KPA
		20 / MIXING-MIXING TEMPERATURE	DEG C
		21 / MIXING-SOLIDS CONCEN.IN MIX	%

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
		22 / MIXING-SOLIDS SETTLING VELOCI	M/S
		23 / MIXING-PARTICLE SIZE	MM
		24 / MIXING-PRESSURE DROP	KPA
555 PH ADJUSTMENT	PH ADJUSTMENT WITH ACIDS	01 / INFLUENT ALKALINITY/ACIDITY	MG/L AS CACO3
		02 / INFLUENT PH	
		03 / EFFLUENT PH	
		04 / REAGENT FEED RATE	M3/S
		05 / REAGENT CONCENTRATION	%
556 PH ADJUSTMENT	PH ADJUSTMENT WITH BASES	01 / INFLUENT ALKALINITY/ACIDITY	MG/L AS CACO3
		02 / INFLUENT PH	
		03 / EFFLUENT PH	
		04 / REAGENT FEED RATE	M3/S
		05 / REAGENT CONCENTRATION	%
557 PH ADJUSTMENT	BUFFERING	01 / INFLUENT ALKALINITY/ACIDITY	MG/L AS CACO3
		02 / INFLUENT PH	
		03 / EFFLUENT PH	
		04 / REAGENT FEED RATE	M3/S
		05 / REAGENT CONCENTRATION	%
558 PH ADJUSTMENT	PH ADJUSTMENT SYSTEMS	01 / DETENTION TIME/TANK, CHAMBER	MIN
		02 / NUMBER OF TANKS OR CHAMBERS	
		03 / ACID/BASE FEED POINTS	
		04 / PH CONTROL PROBES/LOCATION	
509 PRECIP/COAGULATION	CHEMICAL PRECIP./COAGULATION	01 / INFLUENT CONCENTRATIONS	MG/L
		02 / EFFLUENT CONCENTRATIONS	MG/L
		03 / CHEMICAL DOSAGE	MG/L
		04 / CHEMICAL FEED RATE	M3/S
		05 / CHEMICAL FEED CONCENTRATION	%
510 PRECIP/COAGULATION	POLYELECTROLYTE FLOCCULANTS	01 / INFLUENT CONCENTRATIONS	MG/L
		02 / EFFLUENT CONCENTRATIONS	MG/L
		03 / CHEMICAL DOSAGE	MG/L
		04 / CHEMICAL FEED RATE	M3/S
		05 / CHEMICAL FEED CONCENTRATION	%
511 PRECIP/COAGULATION	COAGULANT AIDS	01 / INFLUENT CONCENTRATIONS	MG/L
		02 / EFFLUENT CONCENTRATIONS	MG/L
		03 / CHEMICAL DOSAGE	MG/L
		04 / CHEMICAL FEED RATE	M3/S
		05 / CHEMICAL FEED CONCENTRATION	%
512 PRECIP/COAGULATION	DEMULSIFYING PROCESSES	01 / INFLUENT CONCENTRATIONS	MG/L
		02 / EFFLUENT CONCENTRATIONS	MG/L
		03 / CHEMICAL DOSAGE	MG/L
		04 / CHEMICAL FEED RATE	M3/S
		05 / CHEMICAL FEED CONCENTRATION	%

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
523 SCREENING	BAR SCREENS	01 / OPENING SIZE	CM
		02 / FLOW-THRU VELOCITY	M/S
		03 / SLOPE (TO THE HORIZONTAL)	DEGREES
		04 / VOLUME OF SCREENINGS	M3/1000M3 OF WW TRT
		05 / HEAD LOSS	KPA
524 SCREENING	COMMINUTING SCREENS	01 / SLOT WIDTH	CM
		02 / HEAD LOSS	KPA
525 SCREENING	VIBRATORY SCREENS	01 / HYDRAULIC CAPACITY	M3/M2/DAY
		02 / SCREEN CLOTH SIZE	MESH
		03 / SCREEN OPEN AREA	%
		04 / BED ELEVATION (TO THE HORIZ.)	DEGREES
526 SCREENING	ROTARY SCREENS	01 / INFLUENT SOLIDS CONCENTRATION	MG/L
		02 / EFFLUENT SOLIDS CONCENTRATION	MG/L
		03 / REMOVAL EFFICIENCY	%
		04 / SCREENINGS - DRY SOLIDS	%
		05 / SCREENINGS - VOLUME	M3/1000 M3 WW TREATED
		06 / HYDRAULIC LOADING	M3/DAY-M2
		07 / SOLIDS LOADING	KG/DAY-M2
		08 / ROTATIONAL SPEED	RPS
		09 / SCREEN OPENINGS	MM
527 SCREENING	MICROSCREENS	01 / INFLUENT TSS CONCENTRATION	MG/L
		02 / EFFLUENT TSS CONCENTRATION	MG/L
		03 / REMOVAL EFFICIENCY	%
		04 / HYDRAULIC LOADING	M3/DAY-M2
		05 / SOLIDS LOADING	KG/DAY-M2
		06 / DRUM SPEED	M/S
		07 / FILTER RUN	SECS
528 SCREENING	OTHER SCREENS	01 / INFLUENT SOLIDS CONCENTRATION	MG/L
		02 / EFFLUENT SOLIDS CONCENTRATION	MG/L
		03 / REMOVAL EFFICIENCY	%
		04 / SCREENINGS - DRY SOLIDS	%
		05 / SCREENINGS - VOLUME	M3/1000M3 OF WW TRT
		06 / HYDRAULIC LOADING	M3/DAY-M2
		07 / SOLIDS LOADING	KG/DAY-M2
		08 / ROTATIONAL SPEED	RPS
		09 / SCREEN OPENINGS	MM
500 SETTLING	SEDIMENTATION CHANNELS/BASINS	01 / INFLUENT TSS CONCENTRATION	MG/L
		02 / EFFLUENT TSS CONCENTRATION	MG/L
		03 / REMOVAL EFFICIENCY	%
		04 / SETTLED SLUDGE CONCENTRATION	%
		05 / DETENTION TIME	HR
		06 / SETTLING VELOCITY	M/S

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
501 SETTLING	GRIT CHAMBERS	01 / MIN.GRIT PARTICLE REMOVAL	MM
		02 / GRIT SPECIFIC GRAVITY	
		03 / OVERFLOW RATE	M3/DAY-M2
		04 / HORIZONTAL VELOCITY	M/S
		05 / GRIT REMOVAL RATE	M3/1000 M3 WW TREATED
		06 / GRIT MOISTURE CONTENT	%
		07 / GRIT VOLATILE SOLIDS	%
		08 / AIR FLOW RATE (TOTAL)	M3/S
502 SETTLING	SETTLING CONES	01 / INFLUENT TSS CONCENTRATION	MG/L
		02 / OVERFLOW TSS CONCENTRATION	MG/L
		03 / REMOVAL EFFICIENCY	%
		04 / SURFACE OVERFLOW RATE	M3/DAY-M2
		05 / SOLIDS FLUX	KG/DAY-M2
		06 / DETENTION TIME	HR
		07 / SLUDGE UNDERFLOW CONCENTRATIO	%
503 SETTLING	CLASSIFIERS	01 / FEED SOLIDS CONCENTRATION	%
		02 / OVERFLOW SOLIDS CONCENTRATION	%
		03 / SOLIDS SPECIFIC GRAVITY	
		04 / OVERFLOW MESH SIZE	
		05 / POOL AREA- OVFLW CAP.DRY SOL	KG/DAY-M2
		06 / POOL AREA OVERFLOW CAP-VOLUME	M3/M2
504 SETTLING	CONVENTIONAL CLARIFIERS	01 / INFLUENT TSS CONCENTRATION	MG/L
		02 / OVERFLOW TSS CONCENTRATION	MG/L
		03 / REMOVAL EFFICIENCY	%
		04 / SURFACE OVERFLOW RATE	M3/DAY-M2
		05 / SOLIDS FLUX	KG/DAY-M2
		06 / DETENTION TIME	HR
		07 / SLUDGE UNDERFLOW CONCENTRATIO	%
505 SETTLING	INCLINED PLANE.TUBE.PLATE SEPART	01 / INFLUENT TSS CONCENTRATION	MG/L
		02 / OVERFLOW TSS CONCENTRATION	MG/L
		03 / REMOVAL EFFICIENCY	%
		04 / SURFACE OVERFLOW RATE	M3/DAY-M2
		05 / SOLIDS FLUX	KG/DAY-M2
		06 / DETENTION TIME	HR
		07 / SLUDGE UNDERFLOW CONCENTRATIO	%
506 SETTLING	THICKENERS	01 / INFLUENT TSS CONCENTRATION	MG/L
		02 / OVERFLOW TSS CONCENTRATION	MG/L
		03 / REMOVAL EFFICIENCY	%
		04 / SURFACE OVERFLOW RATE	M3/DAY-M2
		05 / SOLIDS FLUX	KG/DAY-M2
		06 / DETENTION TIME	HR
		07 / SLUDGE UNDERFLOW CONCENTRATIO	%

TABLE A-6(c). DESIGN AND OPERATING PARAMETERS (SOLID)

SEQ	GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
750	FIXATION	PHYSICAL STABILIZATION	01 / PHYSICAL FORM	LIQ.,SLURRY,SLUDGE,SLD.
			02 / LIQUID CONTENT	% VOL.
			03 / PH	
			04 / INSTABILITY	
			05 / OFF-GASES	M3/DAY
			06 / CHEMICAL STABILIZER & DOSAGE	MG/L OR ML/KG
			07 / CHEMICAL STABILIZER FEED QTY.	KG OR L
			08 / CHEMICAL STABILIZER CONC.	% WT.
751	FIXATION	CALCINATION	01 / PHYSICAL FORM	LIQ.,SLURRY,SLUDGE,SLD.
			02 / PH	
			03 / AUXILLARY FUEL - FEED RATE	M3/S
			04 / AUXILLARY FUEL - HEATING VAL.	J/KG
			05 / OPERATING TEMPERATURE	DEG C
			06 / EXCESS AIR	% VOL.
			07 / EXCESS OXYGEN	% VOL.
			08 / RESIDENCE TIME	S
			09 / GROSS HEAT CAPACITY	J/S
			10 / HEAT RELEASE PER UNIT VOLUME	J/M3-S
			11 / MASS LOADING	KG/M3-S
			12 / EXHAUST GAS TEMPERATURE	DEG C
			13 / OFF-GASES	M3/DAY
			14 / HEAT TRANSFER COEFFICIENTS	J/M2-S-DEG C
			15 / AUXILLARY FUEL-TYPE	
752	FIXATION	CHEMICAL FIXATION	01 / PHYSICAL FORM	LIQ.,SLURRY,SLUDGE,SLD.
			02 / LIQUID CONTENT	% VOL.
			03 / PH	
			04 / INSTABILITY	
			05 / OFF-GASES	M3/DAY
			06 / CHEMICAL STABILIZER & DOSAGE	MG/L OR ML/KG
			07 / CHEMICAL STABILIZER FEED QTY.	KG OR L
			08 / CHEMICAL STABILIZER CONC.	% WT.
760	OXIDATION/DIGESTION	COMPOSTING	01 / PHYSICAL FORM	LIQ.,SLURRY,SLUDGE,SLD.
			02 / PH	
			03 / HEAT GENERATION RATE	(J/M3)/HR
			04 / OPTIMAL TEMPERATURE	DEG C
			05 / AUTO IGNITION TEMPERATURE	DEG C
			06 / OFF-GASES	M3/DAY
761	OXIDATION/DIGESTION	ANAEROBIC DIGESTION	01 / INFLUENT CONCENTRATIONS	MG/L
			02 / EFFLUENT CONCENTRATIONS	MG/L
			03 / REDUCTION EFFICIENCY	
			04 / LOADING	KG/M3-DAY
			05 / OPERATING TEMPERATURE	DEG C
			06 / REACTION TIME	DAYS
			07 / SURFACE AREA TO VOLUME RATIO	M2/M3
			08 / OFF-GASES	M3/DAY

SEQ GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
		09 / PH	
		10 / HEAT GENERATION RATE	(J/M3)/HR
		11 / HEAT TRANSFER COEFFICIENTS	J/M2-S-DEG C
762 OXIDATION/DIGESTION	WET OXIDATION	01 / INFLUENT CONCENTRATIONS	MG/L
		02 / EFFLUENT CONCENTRATIONS	MG/L
		03 / REDUCTION EFFICIENCY	
		04 / LOADING	KG/M3-DAY
		05 / OPERATING TEMPERATURE	DEG C
		06 / REACTION TIME	DAYS
		07 / OFF-GASES	M3/DAY
		08 / PH	
		09 / HEAT GENERATION RATE	(J/M3'/HR
		10 / HEAT TRANSFER COEFFICIENTS	J/M2-S-DEG C
763 PHYSICAL SEPARATION	AIR CLASSIFICATION	01 / FEED CONCENTRATIONS	MG/M3
		02 / OVERFLOW CONCENTRATIONS	MG/M3
		03 / SAND(SETTLEABLES) CONC.	MG/M3
		04 / FEED RATE	KG/HR
		05 / DENSITY	GM/CM3
		06 / SETTLING VELOCITY	M/S
		07 / AIR FLOW RATE	M3/S
		08 / PHYS.PROPERTIES - COURSE,FINE	
		09 / OVERFLOW	KG/HR
		10 / SAND	KG/HR
764 PHYSICAL SEPARATION	HYDRAULIC CLASSIFICATION	01 / FEED CONCENTRATIONS	MG/L
		02 / OVERFLOW CONCENTRATIONS	MG/L
		03 / SAND(SETTLEABLES) CONC.	MG/L
		04 / FEED RATE	L/HR
		05 / SPECIFIC GRAVITY	
		06 / VISCOSITY	KPA-S
		07 / SETTLING VELOCITY	M/S
		08 / PHYS.PROPERTIES-COURSE,FINE	
		09 / PHYS.PROPERTIES-AGGLOMERATION	
765 PHYSICAL SEPARATION	FLOTATION	01 / INFLUENT CONCENTRATIONS	MG/M3 OR MG/L
		02 / EFFLUENT CONCENTRATIONS	MG/M3 OR MG/L
		03 / REDUCTION EFFICIENCIES	%
		04 / OVERFLOW RATE	M3/DAY-M2
		05 / OVERFLOW CONCENTRATIONS	MG/M3 OR MG/L
		06 / OPERATING TEMPERATURE	DEG C
		07 / DETENTION TIME PER CELL	MIN
		08 / NUMBER OF CELLS	
		09 / FLOTATION TIME PER CELL	MIN
		10 / SOLIDS FLUX	KG/DAY-M2
		11 / RECYCLE RATE	%
		12 / RECYCLE PRESSURE	KPA
		13 / AIR TO WASTE RATIO	KG/KG
		14 / UNDERFLOW RATE	M3/S

SEQ	GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
			15 / CONDITIONER AND DOSAGE	MG/L
			16 / CONDITIONER FEED RATE	MG/S
766	PHYSICAL SEPARATION	ELECTROSTATIC SEPARATION	01 / INFLUENT CONCENTRATIONS	MG/M3
			02 / EFFLUENT CONCENTRATIONS	MG/M3
			03 / REMOVAL EFFICIENCY	%
			04 / OPERATING TEMPERATURE	DEG C
			05 / HUMIDITY (ABSOLUTE)	%
			06 / CURRENT EFFICIENCY	%
			07 / POWER CONSUMPTION	J/M3
			08 / CURRENT DENSITY	A/M2
			09 / VOLTAGE	VOLTS/ELECTRODE PAIR
			10 / FLOW VELOCITY	M/S
767	PHYSICAL SEPARATION	MAGNETIC SEPARATION	01 / INFLUENT CONCENTRATIONS	MG/M3
			02 / EFFLUENT CONCENTRATIONS	MG/M3
			03 / REMOVAL EFFICIENCY	%
			04 / MAGNETIC FIELD STRENGTH	WEBER/M2
			05 / POWER CONSUMPTION	J/M2
768	PHYSICAL SEPARATION	SCREENS	01 / INFLUENT SOLIDS CONC.	MG/M3 OR MG/L
			02 / EFFLUENT SOLIDS CONC.	MG/M3 OR MG/L
			03 / REMOVAL EFFICIENCY	%
			04 / SCREEN OPENING SIZE	MESH,CM,OR MM
			05 / HEAD LOSS	KPA
			06 / HYDRAULIC CAPACITY	(M3/M2)/DAY
			07 / SOLIDS LOADING	KG/DAY-M2
			08 / SCREENINGS	M3/KG SCREENED WASTE
			09 / PH	
769	PHYSICAL SEPARATION	VIBRATING CLASSIFIERS	01 / INITIAL SIZE DISTRIBUTION	
			02 / VIBRATION FREQUENCY	HZ
			03 / SCREEN OPENING SIZES	MESH,CM,OR MM
			04 / SOLIDS LOADING	KG/DAY-M2
			05 / PH	
770	PHYSICAL SEPARATION	EVAPORATION PROCESSES	01 / FEED LIQUOR CONC.	MG/L
			02 / STRONG LIQUOR CONC.	MG/L
			03 / VAPOR CONCENTRATION	MG/L
			04 / FEED LIQUOR - TEMPERATURE	DEG C
			05 / FEED LIQUOR - SPECIFIC HEAT	J/G-DEG C
			06 / FEED LIQUOR - BOILING POINT	DEG C
			07 / NUMBER OF EFFECTS	
			08 / HEAT TRANSFER COEFFICIENTS	J/M2-DEG C-S
			09 / STEAM CONSUMPTION AT PRESSURE	KG/S
			10 / EVAPORATION RATE	KG/S
			11 / TEMPERATURE DROP	DEG C
			12 / RECIRCULATION RATE	M3/S
			13 / TUBE VELOCITY	M/S
			14 / RESIDENCE TIME	S OR MIN

SEQ	GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
			15 / PH	
771	PHYSICAL SEPARATION	SPRAY EVAPORATORS	01 / INFLUENT CONCENTRATIONS	MG/L
			02 / EVAPORATION RATE	KG/S
			03 / GAS FLOW RATE	M3/S
			04 / GAS INLET & OUTLET TEMPS.	DEG C
			05 / EXPOSURE TIME	S
			06 / PH	
772	PHYSICAL SEPARATION	DRYING BEDS	01 / INFLUENT CONCENTRATIONS	MG/L
			02 / DRY CAKE CONCENTRATIONS	MG/L
			03 / EVAPORATION RATE	KG/S
			04 / DRYING TIME	DAYS
773	PHYSICAL SEPARATION	MECHANICAL CLASSIFCATION	01 / INFLUENT CONCENTRATIONS	MG/L
			02 / OVERFLOW CONCENTRATIONS	MG/L
			03 / SAND(SETTLEABLES) CONCEN.	MG/L
			04 / SETTLING VELOCITY	M/S
			05 / FEED RATE	L/HR
			06 / OVERFLOW	L/HR
			07 / SAND	L/HR
			08 / DENSITY	G/CM3
			09 / PH	
			10 / SPECIFIC GRAVITY	
755	PROCESSING/COMBUSTIO	FIXED BED INCINERATORS	01 / PHYSICAL FORM	LIQ.,SLURRY,SLUDGE,SLD.
			02 / PH	
			03 / AUXILLARY FUEL - FEED RATE	M3/S
			04 / AUXILLARY FUEL - HEATING VAL.	J/KG
			05 / OPERATING TEMPERATURE	DEG C
			06 / EXCESS AIR	% VOL.
			07 / EXCESS OXYGEN	% VOL.
			08 / RESIDENCE TIME	S
			09 / GROSS HEAT CAPACITY	J/S
			10 / HEAT RELEASE PER UNIT VOLUME	J/M3-S
			11 / MASS LOADING	KG/M3-S
			12 / EXHAUST GAS TEMPERATURE	DEG C
			13 / OFF-GASES	M3/DAY
			14 / HEAT TRANSFER COEFFICIENTS	J/M2-S-DEG C
			15 / AUXILLARY FUEL-TYPE	
756	PROCESSING/COMBUSTIO	MOVING BED INCINERATORS	01 / PHYSICAL FORM	LIQ.,SLURRY,SLUDGE,SLD.
			02 / PH	
			03 / AUXILLARY FUEL - FEED RATE	M3/S
			04 / AUXILLARY FUEL - HEATING VAL.	J/KG
			05 / OPERATING TEMPERATURE	DEG C
			06 / EXCESS AIR	% VOL.
			07 / EXCESS OXYGEN	% VOL.
			08 / RESIDENCE TIME	S
			09 / GROSS HEAT CAPACITY	J/S

SEQ	GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
			10 / HEAT RELEASE PER UNIT VOLUME	J/M3-S
			11 / MASS LOADING	KG/M3-S
			12 / EXHAUST GAS TEMPERATURE	DEG C
			13 / OFF-GASES	M3/DAY
			14 / HEAT TRANSFER COEFFICIENTS	J/M2-S-DEG C
			15 / HEARTH FURNACES-BURNING RATE	KG/S-M2
			16 / ROTARY KILN-LENGTH/DIA RATIO	
			17 / ROTARY KILN-ROTATIONAL SPEED	M/S
			18 / AUXILLARY FUEL-TYPE	
757	PROCESSING/COMBUSTIO	FLUIDIZED BED INCINERATORS	01 / PHYSICAL FORM	LIQ.,SLURRY,SLUDGE,SLD.
			02 / PH	
			03 / AUXILLARY FUEL - FEED RATE	M3/S
			04 / AUXILLARY FUEL - HEATING VAL.	J/KG
			05 / OPERATING TEMPERATURE	DEG C
			06 / EXCESS AIR	% VOL.
			07 / EXCESS OXYGEN	% VOL.
			08 / RESIDENCE TIME	S
			09 / GROSS HEAT CAPACITY	J/S
			10 / HEAT RELEASE PER UNIT VOLUME	J/M3-S
			11 / MASS LOADING	KG/M3-S
			12 / EXHAUST GAS TEMPERATURE	DEG C
			13 / OFF-GASES	M3/DAY
			14 / HEAT TRANSFER COEFFICIENTS	J/M2-S-DEG C
			15 / BED HEAT CONTENT	MJ/M3
			16 / BED VOLUME	M3
			17 / SPACE VELOCITY	(M3/S)/M2
			18 / AUXILLARY FUEL-TYPE	
758	PROCESSING/COMBUSTIO	SLAGGING INCINERATORS	01 / PHYSICAL FORM	LIQ.,SLURRY,SLUDGE,SLD.
			02 / PH	
			03 / AUXILLARY FUEL - FEED RATE	M3/S
			04 / AUXILLARY FUEL - HEATING VAL.	J/KG
			05 / OPERATING TEMPERATURE	DEG C
			06 / EXCESS AIR	% VOL.
			07 / EXCESS OXYGEN	% VOL.
			08 / RESIDENCE TIME	S
			09 / GROSS HEAT CAPACITY	J/S
			10 / HEAT RELEASE PER UNIT VOLUME	J/M3-S
			11 / MASS LOADING	KG/M3-S
			12 / EXHAUST GAS TEMPERATURE	DEG C
			13 / OFF-GASES	M3/DAY
			14 / HEAT TRANSFER COEFFICIENTS	J/M2-S-DEG C
			15 / AUXILLARY FUEL-TYPE	
759	PROCESSING/COMBUSTIO	PYROLYSIS PROCESSES	01 / PHYSICAL FORM	LIQ.,SLURRY,SLUDGE,SLD.
			02 / PH	
			03 / AUXILLARY FUEL - FEED RATE	M3/S
			04 / AUXILLARY FUEL - HEATING VAL.	J/KG
			05 / OPERATING TEMPERATURE	DEG C

SEQ	GENERIC/DEVICE TYPE	CONTROL DESIGN TYPE	PARAMETER NUMBER & NAME	UNITS TEXT
			06 / EXCESS AIR	% VOL.
			07 / EXCESS OXYGEN	% VOL.
			08 / RESIDENCE TIME	S
			09 / GROSS HEAT CAPACITY	J/S
			10 / HEAT RELEASE PER UNIT VOLUME	J/M3-S
			11 / MASS LOADING	KG/M3-S
			12 / EXHAUST GAS TEMPERATURE	DEG C
			13 / OFF-GASES	M3/DAY
			14 / HEAT TRANSFER COEFFICIENTS	J/M2-S-DEG C
			15 / AUXILLARY FUEL-TYPE	
754	RECOVERY/UTILIZATION	REGENERATION PROCESSES	01 / PHYSICAL FORM	LIQ.,SLURRY,SLUDGE,SLD.
			02 / PH	
			03 / OPERATING TEMPERATURE	DEG C
			04 / OFF-GASES	M3/DAY
			05 / DETENTION TIME	S
753	RECOVER/UTILIZATION	EXTRACTION PROCESSES	01 / SOLUTE CONCEN. - FEED	% VOL.
			02 / SOLUTE CONCEN. - EXTRACT	% VOL.
			03 / SOLUTE CONCEN. - RAFFINATE	% VOL.
			04 / REMOVAL EFFICIENCY	% VOL.
			05 / SOLVENT TO FEED RATIO	
			06 / INDIVIDUAL MASS TRANSFER COEF	G-MOLES/HR M3 DRIVE FORC
			07 / OVERALL MASS TRANSFER COEF.	G-MOLES/HR M3 DRIVE FORC
			08 / MOL OR MASS FRACTION	
			09 / REFLUX RATE - EXTRACT	M3/S
			10 / REFLUX RATE - RAFFINATE	M3/S
			11 / EXTRACT PRODUCT RATE	KG/HR OR G-MOLES/HR
			12 / RAFFINATE PRODUCT RATE	KG/HR OR G-MOLES/HR
			13 / NUMBER OF STAGES	
			14 / OPERATING TEMPERATURE	DEG C
			15 / PHYSICAL FORM	LIQ.,SLURRY,SLUDGE,SLD.
			16 / PH	
			17 / FLAMMABILITY	

TABLE A-7. CHEMICAL DATA TABLE

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

NEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
21A100	00083-32-9	ACENAPHTHENE	C12H10	154.21	P H
		1,2-DIHYDROACENAPHTHALENE			
		1,8-ETHYLENENAPHTHALENE			
		NAPHTHYLENEETHYLENE			
		PERIETHYLENENAPHTHALENE			
		1,2-DIHYDROACENAPHTHYLENE			
18C100	06306-07-6	1-ACENAPHTHOL	C12H100	170.22	
		1-ACENAPHTHENOL			
18A100	01322-20-9	PHENYLPHENOLS	C12H100	170.20	
21A120	00208-96-8	ACENAPHTHYLENE	C12H8	152.21	P H
07A040	00075-07-0	ACETALDEHYDE	C2H40	44.05	H
		ACETIC ALDEHYDE			
		ETHANAL			
		ETHYL ALDEHYDE			
68C040	00060-35-5	ACETAMIDE	C2H5NO	59.07	
		ACETIC ACID AMIDE			
		ETHANAMIDE			
		METHANECARBOXAMIDE			
08EN01	00108-24-7	ACETIC ANHYDRIDE	C4H603	102.09	H
		ACETIC OXIDE			
		ACETYL OXIDE			
08A040	00064-19-7	ACETIC ACID	C2H402	60.05	H
		ETHANOIC ACID			
		GLACIAL ACETIC ACID			
		VINEGAR ACID			
07B020	00067-64-1	ACETONE	C3H60	58.08	
		DIMETHYLKETONE			
		2-PROPANONE			
09AN01	00075-86-5	ACETONE CYANOHYDRIN	C4H7NO	85.10	H
		ALPHA-HYDROXYISOBUTYRONITRILE			
		2-METHYLLACTONITRILE			
09A020	00075-05-8	ACETONITRILE	C2H3N	41.03	
		ETHANENITRILE			
		METHYL CYANIDE			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
07B120	00098-86-2	ACETOPHENONE	C8H8O2	120.16	
		ACETYLBENZENE			
		1-PHENYLETHANONE			
		PHENYL METHYL KETONE			
08FN01	00506-96-7	ACETYL BROMIDE	C2H3BRO	122.96	H
08FN02	00079-36-7	ACETYL CHLORIDE	C2H3CLO	78.50	H
07BN11	00123-54-6	ACETYLACETONE	C5H8O2	100.11	
		2,4-PENTANEDIONE			
01C020	00074-86-2	ACETYLENE	C2H2	26.04	
		ETHINE			
		ETHYNE			
08F		ACID HALIDES			
23B080	00260-94-6	ACRIDINE	C13H9N	179.22	
		10-AZAANTRACENE			
		BENZO(B)QUINOLINE			
		DIBENZO(B,E)PYRIDINE			
23BN02		9-ACRIDONE	C13H9NO	195.17	
07A060	00107-02-8	ACROLEIN	C3H4O	56.06	P H
		ACRALDEHYDE			
		ACRYLALDEHYDE			
		ACRYLIC ALDEHYDE			
		PROPENAL			
08AN07	00079-10-7	ACRYLIC ACID	C3H4O2	72.06	
		2-PROPENOIC ACID			
09A040	00107-13-1	ACRYLONITRILE	C3H3N	53.04	P H
		ACRYLON			
		CYANOETHYLENE			
		FUMIGRAIN			
		2-PROPENITRILE			
		VENTOX			
		VINYL CYANIDE			
85		ACTINIDE SERIES- FREE AND COMBINED			
08A180	00124-04-9	ADIPIC ACID	C6H10O4	146.14	H
		1,4,BUTANEDICARBOXYLIC ACID			
		HEXANE DIOIC ACID			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
05		ALCOHOLS			
07A		ALDEHYDES			
07		ALDEHYDES, KETONES			
07C		ALDEHYDES, KETONES WITH ADDITIONAL FUNCTIONAL GRO*			
02PN01	00309-00-2	ALDRIN HHDN OCTALENE	C12H8CL6	364.93	P H
26A		ALIPHATIC ORGANOPHOSPHOROUS COMPOUNDS			
01		ALIPHATIC HYDROCARBONS			
09A		ALIPHATIC NITRILES			
12A		ALIPHATIC NITROSAMINES			
01A		ALKANES AND CYCLIC ALKANES			
01A240		ALKANES(C=10,11)	CXH2X+2		
01B		ALKENES,CYCLIC ALKENES,DIENES			
02		ALKYL HALIDES			
01C		ALKYNES			
05BN02	00107-18-6	ALLYL ALCOHOL 1-PROPENOL-3 2-PROPEN-1-OL VINYL CARBINOL	C3H6O	58.08	H
02BN02	00107-05-1	ALLYL CHLORIDE CHLOROALLYLENE 3-CHLOROPROPENE 3-CHLOROPROPYLENE	C3H5CL	76.53	H
15AN09	00300-57-2	ALLYLBENZENE	C9H10	118.18	
08DN03	00583-04-0	ALLYL BENZOATE BENZOIC ACID, ALLYL ESTER	C10H10O2	162.19	
38BN61	07446-70-0	ALUMINIUM CHLORIDE	ALCL3	133.34	
38A100	07429-90-5	ALUMINUM	AL	26.98	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
38A200	22537-23-1	ALUMINUM ION	(AL)+3	26.98	
38B100	01344-28-1	ALUMINUM OXIDE ALUMS CORUNDUM	AL2O3	101.96	
38BN21	10043-01-3	ALUMINUM SULFATE ALUM	AL2O12S3	342.14	H
38B		ALUMINUM- COMPOUNDS			
38	07429-90-5	ALUMINUM- FREE AND COMBINED	AL	26.98	
38A		ALUMINUM- METAL AND IONS	AL	26.98	
38B820	10043-67-4	ALUMS			
08C		AMIDES			
10		AMINES			
10C120	00092-67-1	4-AMINOBIPHENYL 4-BIPHENYLAMINE P-PHENYLANILINE	C12H11N	169.24	
10A141	00109-73-9	1-AMINOBUTANE N-BUTYLAMINE	C4H11N	73.16	
10A142	13952-84-6	2-AMINOBUTANE SECONDARY BUTYLAMINE	C4H11N	73.16	
20A080	00127-27-5	2-AMINO-4,6-DINITROPHENOL DINITROAMINOPHENOL PICRAMIC ACID PICRAMINIC ACID	C6H5N3O5	199.12	
08B100	00060-32-2	6-AMINOHEXANOIC ACID AMINOCAPROIC ACID 6-AMINOCAPROIC ACID	C6H13NO2	131.18	
10A143	00075-64-9	2-AMINO-2-METHYLPROPANE TERTIARY BUTYLAMINE	C4H11N	73.16	
10C200	00134-32-7	1-AMINONAPHTHALENE ALPHA-NAPHTHYLAMINE 1-NAPHTHYLAMINE	C10H9N	143.19	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
10C220	00091-59-8	2-AMINONAPHTHALENE BETA-NAPHTHYLAMINE 2-NAPHTHYLAMINE	C10H9N	143.19	
10A100	00107-10-8	1-AMINOPROPANE MONO-N-PROPYLAMINE PROPANAMINE N-PROPYLAMINE	C3H9N	59.11	
10A122	00156-87-6	3 AMINO-1-PROPANOL	C3H9NO	75.11	
10A123	00078-96-6	1-AMINO-2-PROPANOL 2-HYDROXY PROPYAMINE ISOPROPANOLAMINE	C3H9NO	75.11	
10A121	00078-91-1	2-AMINO-1-PROPANOL 2-AMINO-PROPYLALCOHOL BETA-PROPANOL AMINE	C3H9NO	75.11	
10A110	00107-10-8	3-AMINOPROPENE ALLYLAMINE 3-AMINO PROPYLENE MONOALLYLAMINE 2-PROPENE-1-AMINE	C3H7N	57.09	
10C040	25640-74-8	AMINOTOLUENES METHYL ANILINES TOLUIDINES	C7H9N	107.16	
10C041	00095-53-4	2-AMINOTOLUENE O-TOLUIDINE	C7H9N	107.16	
10C042	00108-44-1	3-AMINOTOLUENE M-TOLUIDINE	C7H9N	107.16	
10C043	00106-49-0	4-AMINOTOLUENE P-TOLUIDINE	C7H9N	107.16	
47B100	07664-41-7	AMMONIA	NH3	17.03	H
47BN41	00631-61-8	AMMONIUM ACETATE ACETIC ACID AMMONIUM SALT	C2H7NO2	77.08	H
47BN42	01863-63-4	AMMONIUM BENZOATE	C7H9NO2	139.15	H
68BN31	07789-09-5	AMMONIUM BICHROMATE CHROMIC ACID, DIAMMONIUM SALT	N2H8CR2O7	252.06	P H

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
56BN31	01341-49-7	AMMONIUM BIFLUORIDE ACID AMMONIUM FLUORIDE AMMONIUM HYDROGEN FLUORIDE	NH5F2	57.05	H
53BN42	10192-30-0	AMMONIUM BISULFITE	NH5SO3	99.11	H
47BN44	00506-87-6	AMMONIUM CARBONATE CARBONIC ACID, DIAMMONIUM SALT	CH8O3N2	96.09	H
57BN86	12125-02-9	AMMONIUM CHLORIDE AMCHLOR AMMONIUM MURIATE SAL AMMONIAC SALMIAC	NH4CL	53.49	H
68BN32	07788-98-9	AMMONIUM CHROMATE	N2H8CRO4	152.09	P H
47BN47	03012-65-5	AMMONIUM CITRATE DIBASIC CITRIC ACID DIAMMONIUM SALT DIAMMONIUM CITRATE	C6H14N2O7	226.19	H
56BN87	13826-83-0	AMMONIUM FLUOBORATE AMMONIUM BOROFLUORIDE BORATE-1-TETRAFLUORO AMMONIUM	NH4BF4	104.84	H
56BN32	12125-01-8	AMMONIUM FLUORIDE NEUTRAL AMMONIUM FLUORIDE	NH4F	37.04	H
47BN12	01336-21-6	AMMONIUM HYDROXIDE	H5NO	35.04	H
47A300	14798-03-9	AMMONIUM ION	(NH4)+1	18.05	
47BN31	01111-78-0	AMMONIUM CARBAMATE AMMONIUM AMINOFORMATE	CH6N2O2	78.06	H
47BN45	06009-70-7	AMMONIUM OXALATE	C2H8N2O4	124.10	H
56BN86	16919-19-0	AMMONIUM SILICOFLUORIDE AMMONIUM FLUOSILICATE SILICATE-2-HEXAFLUORO-DIAMMONIUM	N2H8SIF6	178.15	H
53BN33	07773-06-0	AMMONIUM SULFANATE AMIDO SULFATE AMMATE AMS SULFAMIC ACID, MONOAMMONIUM SALT	H6N2O3S	114.12	H
53BN35	10196-04-0	AMMONIUM SULFITE	N2H8SO3	132.14	H

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
53BN34	12135-76-1	AMMONIUM SULFIDE	H8N2S	68.15	H
47BN46	03164-29-2	AMMONIUM TARTRATE TARTARIC ACID AMMONIUM SALT	C4H12N2O6	184.15	H
53BN36	01762-95-4	AMMONIUM THIOCYANATE AMMONIUM RHODANIDE AMMONIUM SULFOCYANATE AMMONIUM SULFOCYANIDE	NH4SCN	76.12	H
53BN37	07783-18-8	AMMONIUM THIOSULFATE AMMONIUM HYPOSULFITE	N2H8S2O3	148.21	H
08D141	00628-63-7	N-AMYL ACETATE AMYLACETIC ESTER PEAR OIL	C7H14O2	130.18	
08D140		AMYL ACETATES	C7H14O2	130.18	H
08D142	00626-38-0	SEC-AMYL ACETATE 2-PENTYL ACETATE	C7H14O2	130.18	
08E		ANHYDRIDES			
10C020	00062-53-3	ANILINE AMINOBENZENE AMINOPHEN ANILINE OIL KYANOL PHENYLAMINE	C6H7N	93.11	H
50A100	07440-36-0	ANTIMONY STIBIUM	SB	121.75	P H
08BN18	00579-75-9	O-ANISIC ACID 2-METHOXYBENZOIC ACID	C8H8O3	152.14	
10C082	00536-90-3	M-ANISIDINE M-METHOXYANILINE	C7H9NO	123.16	
10C081	00090-04-0	O-ANISIDINE 2-AMINO-ANISOLE	C7H9NO	123.16	
10C083	00104-94-9	P-ANISIDINE 4-AMINO-ANISOLE	C7H9NO	123.16	
10C080	29191-52-4	ANISIDINES	C7H9NO	123.16	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		AMINOANISOLE			
		METHOXYANILINE			
06AN02	00100-66-3	ANISOLE	C7H8O	108.13	
47BN43	01066-33-7	AMMONIUM BICARBONATE	CH5NO3	79.06	H
		ACID AMMONIUM CARBONATE			
		AMMONIUM HYDROGEN CARBONATE			
21DN08		ANTHANTHRENE	C22H12	302.38	
		DIBENZO(DEF,MNO),CHRYSENE			
21A140	00120-12-7	ANTHRACENE	C14H10	178.23	P H
13A120		ANTHRACENETHIOLS	C14H10S	210.29	
13A122	17534-14-1	9-ANTHRACENETHIOL	C14H10S	210.29	
13A121		2-ANTHRACENETHIOL	C14H10S	210.29	
14A041	00117-14-6	9,10-ANTHRAQUINONE-1,5-DISULFONIC ACID	C14H8O8S2	368.35	
14A042	14486-58-9	9,10-ANTHRAQUINONE-1,6-DISULFONIC ACID	C14H8O8S2	368.35	
14A043	14395-08-5	9,10-ANTHRAQUINONE-1,7-DISULFONIC ACID	C14H8O8S2	368.35	
14A044	00082-48-4	9,10-ANTHRAQUINONE-1,8-DISULFONIC ACID	C14H8O8S2	368.35	
14A040		ANTHRAQUINONE-DISULFONIC ACIDS	C14H8O8S2	368.35	
50BN64	07647-18-9	ANTIMONY PENTACHLORIDE	SBCL5	299.05	P H
50BN41	28300-74-5	ANTIMONY POTASSIUM TARTRATE	C4H4KO7SB	324.92	P H
		POTASSIUM ANTIMONYLTARTRATE			
		TARTAR EMETIC			
		TARTARIZED ANTIMONY			
		TARTRATED ANTIMONY			
50BN61	07789-61-9	ANTIMONY TRIBROMIDE	SBBR3	361.51	P H
50BN63	10025-91-9	ANTIMONY TRICHLORIDE	SBCL3	228.13	P H
		BUTTER OF ANTIMONY			
50BN62	07783-56-4	ANTIMONY TRIFLUORIDE	SBF3	178.76	P H
		ANTIMONY FLUORIDE			
50B120	01309-64-4	ANTIMONY TRIOXIDE	SB2O3	291.50	P H
		ANTIMONY OXIDE			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		DIANTIMONY TRIOXIDE			
		EXITELITE			
		FLOWERS OF ANTIMONY			
		VALENTINITE			
50A200	23713-18-6	ANTIMONY (III) ION	(SB)+3	121.75	P H
		STIBNOUS			
50B200	01345-04-6	ANTIMONY (III) SULFIDE	SB2S3	339.69	P H
		ANTIMONOUS SULFIDE			
		ANTIMONY GLANCE			
		ANTIMONY SULFIDE			
		ANTIMONY TRISULFIDE			
		NEEDLE ANTIMONY			
		STIBNITE			
50A220	22537-52-5	ANTIMONY (V) ION	(SB)+5	121.75	P H
		ANTIMONIC			
		STIBNIC			
50B		ANTIMONY- COMPOUNDS			P H
50	07440-36-0	ANTIMONY- FREE AND COMBINED	SB	121.75	P H
50A		ANTIMONY- METAL & IONS			P H
NNN001	07740-37-1	ARGON	AR	39.95	
09B		AROMATIC NITRILES			
12B		AROMATIC NITROSAMINES			
26B		AROMATIC ORGANOPHOSPHOROUS COMPOUNDS			
10C		AROMATIC AMINES, DIAMINES			
17		AROMATIC NITRO COMPOUNDS			
17B		AROMATIC NITRO COMPOUNDS WITH OTHER FUNCTIONAL GR*			
16B		AROMATICS WITH HALOGENATED ALKYL SIDE CHAINS			
49A320	15584-04-0	ARSENATE ION	(ASO4)-3	138.88	P H
49A100	07440-38-2	ARSENIC	AS	74.92	P H
49BN21	01303-32-8	ARSENIC DISULFIDE	AS4S4	427.92	P H
		RED ARSENIC SULFIDE			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
49BN11	01303-28-2	ARSENIC PENTOXIDE	AS2O5	229.82	P H
		ARSENIC ACID ANHYDRIDE			
		ARSENIC OXIDE			
49BN61	07784-34-1	ARSENIC TRICHLORIDE	ASCL3	181.28	P H
		ARSENIC CHLORIDE			
		ARSENIOUS CHLORIDE			
		ARSENOUS CHLORIDE			
		BUTTER OF ARSENIC			
49B120	01327-53-3	ARSENIC TRIOXIDE	AS2O3	197.84	P H
		ARSENIC SESQUIOXIDE			
		ARSENOUS ACID			
		ARSENOUS ACID ANHYDRIDE			
		ARSENOUS OXIDE			
		WHITE ARSENIC			
49BN22	01303-33-9	ARSENIC TRISULFIDE	AS2S3	246.00	P H
		ARSENIOUS SULFIDE			
		YELLOW ARSENIC SULFIDE			
49A240	17428-41-0	ARSENIC (V) ION	(AS)+5	74.92	P H
		ARSENIC			
49B		ARSENIC- COMPOUNDS			P H
49	07440-38-2	ARSENIC- FREE AND COMBINED	AS	74.92	P H
49A		ARSENIC- METAL AND IONS			P H
49A220	22541-54-4	ARSENIC(III)ION	(AS)+3	74.92	P H
		ARSENOUS			
49A200		ARSENIDE ION	(AS)-3	74.92	P H
49A300	15502-74-6	ARSENITE ION	(ASO3)-3	122.89	P H
49B100	07784-42-1	ARSINE	ASH3	77.94	P H
33B800	01332-21-4	ASBESTOS			P H
		ACTINOLITE			
		AMIANTHOS			
		AMOSITE (BROWN ASBESTOS)			
		AMPHIBOLES			
		ANTHOPHYLLITE			
		CHRYSOTILE (WHITE ASBESTOS)			
		CROCIDOLITE (BLUE ASBESTOS)			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		SERPENTINE TREMOLITE			
08AN17	00123-99-9	AZELAIC ACID NONANEDIOIC ACID	C9H16O4	188.22	
11A		AZO COMPOUNDS			
11		AZO COMPOUNDS, HYDRAZINE DERIVATIVES			
22AN01	00275-51-4	AZULENE	C10H8	128.16	
36A100	07440-39-3	BARIUM BARIUM METAL	BA	137.34	
36B400	00513-77-9	BARIUM CARBONATE WITHERITE	BACO3	197.35	
36BN31	00542-62-1	BARIUM CYANIDE	BAC2N2	189.40	H
36B600	07787-32-8	BARIUM FLUORIDE	BAF2	175.34	
36A200	22541-12-4	BARIUM ION	(BA)+2	137.34	
36B240	07727-43-7	BARIUM SULFATE BARITE	BASO4	233.42	
36B200	21109-95-5	BARIUM SULFIDE BARIUM MONOSULFIDE	BAS	169.40	
36B220		BARIUM THIOCARBONATE	BACS3	245.54	
36B		BARIUM- COMPOUNDS			
36	07440-39-3	BARIUM- FREE AND COMBINED	BA	137.34	
36A		BARIUM- METAL & IONS			
38B120	01318-16-7	BAUXITE	AL2O3-H2O		
23B180	00225-11-6	BENZ(A)ACRIDINE 1,2-BENZACRIDINE	C17H11N	229.29	
23B200	00225-51-4	BENZ(C)ACRIDINE 3,4-BENZACRIDINE ALPHA-CHRYSIDINE ALPHA-NAPHTHACRIDINE	C17H11N	229.29	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
07A140	00100-52-7	BENZALDEHYDE BENZENECARBINAL BENZOIC ALDEHYDE PHENYLALDEHYDE	C7H6O	106.13	
21B040	00056-55-3	BENZ(A)ANTHRACENE BA 1,2-BENZANTHRACENE BENZO(B)PHENANTHRENE 2,3-BENZOPHENANTHRENE	C18H12	228.28	P H
23B280	00243-51-6	2,3-BENZ-4-AZAFLUORENE 11-INDENO(1,2-B)QUINOLINE	C16H11N	217.28	
15A020	00071-43-2	BENZENE BENZOL CYCLOHEXATRIENE PHENE PHENYLHYDRIDE	C6H6	78.11	P H
15A		BENZENE, MONOSUBSTITUTED BENZENE HC			
15		BENZENE, SUBSTITUTED BENZENE HYDROCARBONS			
14A020	00098-11-3	BENZENESULFONIC ACID PHENYLSULFONIC ACID	C6H6O3S	158.18	
13A100	00108-98-5	BENZENETHIOL MERCAPTOBENZENE PHENYL MERCAPTAN THIOPHENOL	C6H6S	110.18	
10C140	00092-87-5	BENZIDINE 4,4'-DIAMINODIPHENYL 4,4'-DIPHENYLENEDIAMINE	C12H12N2	184.26	P H
07BN16	00082-05-3	7-H-BENZO(D,E)ANTHRACENE-7-ONE BENZANTHRONE	C17H10O	230.28	
07B160	11067-62-2	5,6-BENZO-9-ANTHRONE BENZ(A)ANTHRACENE-7(12H)ONE 1,2-BENZ-10-ANTHRONE	C17H12O	232.28	
23C120	00239-01-0	BENZO(A)CARBAZOLE 1,2-BENZCARBAZOLE 11H-BENZO(A)CARBAZOLE	C16H11N	217.28	
23CN01	00243-28-7	5H-BENZO(B)CARBAZOLE	C16H11N	217.28	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
23CN02	00205-25-4	7H-BENZO(C)CARBAZOLE	C16H11N	217.28	
21C040	00196-78-1	BENZO(G)CHRYSENE 1,2-3,4-DIBENZOPHENANTHRENE	C22H14	278.36	
22C080	00205-99-2	BENZO(B)FLUORANTHENE 2,3-BENZOFLUORANTHENE BENZ(E)ACEPHENANTHRYLENE B(B)F	C20H12	252.32	P H
22CN02	00203-12-3	BENZO(G,H,I)FLUORANTHENE	C18H10	226.28	
22C040	00205-82-3	BENZO(J)FLUORANTHENE 7,8-BENZFLUORANTHENE 10,11-BENZOFLUORANTHENE B(J)F	C20H12	252.32	
22C020	00207-08-9	BENZO(K)FLUORANTHENE 11,12-BENZOFLUORANTHENE 8,9,BENZOFLUORANTHENE B(K)F	C20H12	252.32	P H
22B060	00238-84-6	1,2-BENZOFLUORENE 11-H BENZ(A)FLUORENE BENZO(A)FLUORENE CHRYSOFLUORENE	C17H12	216.29	
22B020	00243-17-4	2,3-BENZOFLUORENE BENZO(B)FLUORENE 11-H BENZO(B)FLUORENE	C17H12	216.29	
24A040	00271-89-6	BENZOFURAN COUMARONE CUMARONE	C8H6O	118.14	
08A160	00065-85-0	BENZOIC ACID BENZENECARBOXYLIC ACID DRACYCLIC ACID PHENYL FORMIC ACID	C7H6O2	122.13	H
23BN04	00229-67-4	BENZO(F)ISOQUINOLINE	C13H9N	179.22	
21C020	00226-88-0	1,2-BENZONAPHTHACENE BENZO(A,J)ANTHRACENE 1,2-6,7-DIBENZANTHRACENE NAPHTHO-1',2'-2,3-ANTHRACENE 2,3-NAPHTHO-2,3-PHENANTHRENE	C22H14	278.36	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
24B060	00479-11-8	BENZO(B)NAPTHO(2,3-D)FURAN	C16H10O	218.26	
25B080	61523-34-0	BENZONAPHTHOTHIOPHENES	C16H10S		
25B082	00205-43-6	BENZO(B)NAPHTHO(1,2-D)THIOPHENE	C16H10S	234.32	
25B083	00239-35-0	BENZO(B)NAPHTHO(2,1-D)THIOPHENE	C16H10S	234.32	
25B081	00243-46-9	BENZO(B)NAPHTHO(2,3-D)THIOPHENE	C16H10S	234.32	
09B020	00100-47-0	BENZONITRILE CYANO BENZENE PHENYL CYANIDE	C7H5N	103.07	H
21D080	00191-24-2	BENZO(GHI)PERYLENE 1,12-BENZOPERYLENE	C22H12	276.34	P H
21B101	00195-19-7	BENZO(C)PHENANTHRENE 3,4-BENZOPHENANTHRENE	C18H12	228.29	
21B100		BENZO(C)PHENANTHRENE & ALKYL DERIVATIVES			
23BN01		BENZO(L,M,N)PHENANTHRIDINE	C15H9N	203.22	
21C100	00050-32-8	BENZO(A)PYRENE 1,2-BENZPYRENE 3,4-BENZPYRENE B(A)P	C20H12	252.31	P H
21C120	00192-97-2	BENZO(E)PYRENE 4,5-BENZOPYRENE 1,2-BENZPYRENE	C20H12	252.31	
23B140	00085-02-9	BENZO(F)QUINOLINE 5,6-BENZOQUINOLINE BETA-NAPHTHOQUINOLINE	C13H9N	179.22	
23B160	00230-27-3	BENZO(H)QUINOLINE 7,8-BENZOQUINOLINE NAPHTHOPYRIDINE ALPHA-NAPHTHOQUINOLINE	C13H9N	179.22	
23D020	00095-16-9	BENZOTHIAZOLE BENZOSULFONAZOLE	C7H5NS	135.19	
25B040	00095-15-8	BENZO(B)THIOPHENE BENZOTHIOFURAN	C8H6S	134.20	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		2,3-BENZOTHIOPHENE			
		THIONAPHTHENE			
24B100	00200-23-7	1,9-BENZOXANTHENE	C16H10O	218.26	
		BENZO(K)XANTHENE			
08FN03	00098-88-4	BENZOYL CHLORIDE	C7H5CLO	140.57	H
		BENZENECARBONYL CHLORIDE			
22BN01	00205-12-9	7-H BENZO(C)FLUORENE	C17H12	216.29	
05A140	00100-51-6	BENZYL ALCOHOL	C7H8O	108.15	
		BENZENE CARBINOL			
		BENZENE METHANOL			
		BENZOYL ALCOHOL			
		ALPHA-HYDROXYTOLUENE			
		PHENYLCARBINOL			
		PHENYL METHANOL			
		PHENYLMETHYL ALCOHOL			
		ALPHA-TOLUENOL			
91B		TERBIUM- COMPOUNDS			
		TERBIUM COMPOUNDS			
32B800	01302-52-9	BERYL	BE3AL2O18SI6	537.53	P H
		BERYLLIUM ALUMINA SILICATE			
		BERYLLIUM ALUMINOSILICATE			
32A100	07440-41-7	BERYLLIUM	BE	9.01	P H
		BERYLLIUM METAL			
		GLUICINIUM			
32BN61	07787-47-5	BERYLLIUM CHLORIDE	BECL2	79.93	P H
32BN62	07787-49-7	BERYLLIUM FLUORIDE	BEF2	47.01	P H
32A200	22537-20-8	BERYLLIUM ION	(BE)+2	9.01	P H
32BN31	07787-55-5	BERYLLIUM NITRATE	BEN2O6	133.03	P H
32B100	01304-56-9	BERYLLIUM OXIDE	BEO	25.01	P H
		BROMELLITE			
		BROMOLLETE			
32B		BERYLLIUM- COMPOUNDS			P H
32	07440-41-7	BERYLLIUM- FREE AND COMBINED	BE	9.01	P H
		GLUCINIUM			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
32A		BERYLLIUM- METAL & IONS			P H
42A320	00071-52-3	BICARBONATE ION	(HCO3)-1	61.01	
15A160	00092-52-4	BIPHENYL BIBENZENE DIPHENYL PHENYLBENZENE'	C12H10	154.22	
48A340	14066-20-7	BIPHOSPHATE ION DIHYDROGEN PHOSPHATE ION	(H2PO4)-1	96.94	
51A100	07440-69-9	BISMUTH	BI	208.98	
51A200	23713-46-4	BISMUTH (III) ION BISMUTHOUS	(BI)+3	208.98	
51A220	22541-33-9	BISMUTH (V) ION BISMUTHIC	(BI)+5	208.98	
51B		BISMUTH- COMPOUNDS			
51		BISMUTH- FREE AND COMBINED	BI	208.98	
51A		BISMUTH- METAL & IONS			
25B020	00492-97-7	2,2'-BITHIOPHENE 2,2'-BITHIENYL	C8H6S2	166.27	
37A300	14100-65-3	METABORATE ION	(BO2)-1	42.81	
05B120	00507-70-0	BORNEOL BORNEO CAMPHOR BORNYL ALCOHOL ENDO-2-BORNANOL ENDO-2-CAMPHANOL ENDO-2-HYDROXY CAMPHANE ENDO-1,7,7-TRIMETHYL BICYCLO(2.2.1)HEPTAN-2-OL	C10H18O	154.25	
37A100	07440-42-8	BORON	B	10.81	
37B100	01303-86-2	BORON OXIDE BORIC OXIDE BORIC ANHYDRIDE BORON SESQUIOXIDE BORON TRIOXIDE	B2O3	69.62	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
37B		BORON- COMPOUNDS			
37A		BORON- ELEMENTAL AND IONIC			
37	07440-42-8	BORON- FREE AND COMBINED	B	10.81	
58AN01	15541-45-4	BROMATE ION	(BRO3)-1	127.90	
58A200	24959-67-9	BROMIDE ION	(BR)-1	79.90	
58A100	07726-95-6	BROMINE	BR2	159.81	
58B		BROMINE- COMPOUNDS			
58		BROMINE- FREE AND COMBINED	BR	79.91	
58A		BROMINE-GAS AND IONS			
08BN04	00079-08-3	BROMOACETIC ACID	C2H3BRO2	138.96	
16A040	00108-86-1	BROMOBENZENE PHENYL BROMIDE	C6H5BR	157.02	
02A360		BROMOBUTANES	C4H9BR	137.03	
02A361	00109-65-9	1-BROMOBUTANE N-BUTYLBROMIDE	C4H9BR	137.03	
02A362	00078-76-2	2-BROMOBUTANE SEC-BUTYLBROMIDE METHYLETHYLBROMOETHANE	C4H9BR	137.03	
16A080	28906-38-9	BROMOCHLOROBENZENES	C6H4BRCL	191.46	
16A081	00694-80-4	1-BROMO-2-CHLOROBENZENE	C6H4BRCL	191.46	
16A082	00108-37-2	1-BROMO-3-CHLOROBENZENE	C6H4BRCL	191.46	
16A083	00106-39-8	1-BROMO-4-CHLOROBENZENE	C6H4BRCL	191.46	
02A120	00075-27-4	BROMODICHLOROMETHANE DICHLOROBROMOMETHANE	CHCL2BR	163.83	P H
02A160	00075-25-2	BROMOFORM (TRIBROMOMETHANE) TRIBROMOMETHANE	CHBR3	252.75	P H
02A363	00507-19-7	2-BROMOISOBUTANE 2-BROMO-2-METHYLPROPANE	C4H9BR	137.03	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		TERT-BUTYLBROMIDE TRIMETHYLBROMOMETHANE			
19AN03	00591-20-8	M-BROMOPHENOL	C6H5BRO	173.01	
19AN04	00106-41-2	P-BROMOPHENOL	C6H5BRO	173.01	
04A200	00101-55-3	4-BROMOPHENYL PHENYL ETHER 4-BROMODIPHENYL ETHER	C12H9BRO	249.11	P H
01B080		BUTADIENES	C4H6	54.09	
01B081	00590-19-2	1,2-BUTADIENE METHYLALLENE	C4H6	54.09	
01B082	00106-99-0	1,3-BUTADIENE BIVINYL BUTA-1,3-DIENE DIVINYL ERYTHRENE	C4H6	54.09	
01A081	00106-97-8	N-BUTANE	C4H10	58.14	
01A080		BUTANES	C4H10	58.14	
13A080	00109-79-5	N-BUTANETHIOL 1-BUTANETHIOL N-BUTYL MERCAPTAN N-BUTYL-THIOALCOHOL	C4H10S	90.19	
05A080	00071-36-3	N-BUTANOL 1-BUTANOL BUTYL ALCOHOL	C4H10O	74.12	
05B040	00078-92-2	2-BUTANOL SEC-BUTYL ALCOHOL	C4H10O	74.12	
07B060	00078-93-3	BUTANONE 2-BUTANONE M.E.K. METHYLETHYL KETONE METHYL ETHYL KETONE	C4H8O	72.12	
01B062	00107-01-7	CIS-2-BUTENE CIS-BETA-BUTYLENE DIMETHYLETHYLENE PSEUDO-BUTYLENE	C4H8	56.12	

, CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
01B063	00107-01-7	TRANS-2-BUTENE TRANS-BETA-BUTYLENE	C_4H_3	56.12	
01B061	00106-98-9	1-BUTENE ALPHA-BUTYLENE ETHYLETHYLENE	C_4H_8	56.12	
08D121	00123-86-4	N-BUTYL ACETATE BUTYL ETHANOATE	$C_6H_{12}O_2$	116.16	
08D120		BUTYL ACETATES ACETIC ACID BUTYL ESTER	$C_6H_{12}O_2$	116.16	H
08D122	00105-46-4	SEC-BUTYL ACETATE ALPHA-METHYLPROPYLETHANOATE	$C_6H_{12}O_2$	116.16	H
05C020	00075-65-0	T-BUTYL ALCOHOL T-BUTANOL 2-METHYL-2-PROPANOL TRIMETHYL CARBINOL	$C_4H_{10}O$	74.12	
10A140		BUTYLAMINES AMINOBUTANES	$C_4H_{11}N$	73.16	H
15A141	00104-51-8	N-BUTYL BENZENE 1-PHENYL BUTANE 1-PHENYLBUTANE	$C_{10}H_{14}$	134.22	
15A140		BUTYL BENZENES		134.22	
15A142	00135-98-8	SEC-BUTYL BENZENE 1-METHYLPROPYL BENZENE 2-PHENYL BUTANE	$C_{10}H_{14}$	134.22	
15A143	00098-06-6	TERT-BUTYL BENZENE (1,1-DIMETHYLETHYL) BENZENE 2-METHYL-2-PHENYL PROPANE PSEUDOBUTYL BENZENE TRIMETHYLPHENYL METHANE	$C_{10}H_{14}$	134.22	
08D320	00085-68-7	BUTYL BENZYL PHTHALATE	$C_{19}H_{20}O_4$	312.39	P H
01B060		BUTYLENES	C_4H_8	56.12	
01C060		BUTYNES	C_4H_6	54.09	
01C061	00107-00-6	1-BUTYNE ETHYLACETYLENE	C_4H_6	54.09	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
01C062	00503-17-3	2-BUTYNE	C4H6	54.09	
		CROTONYLENE			
		DIMETHYLACETYLENE			
07A100	00123-72-8	BUTYRALDEHYDE	C4H8O	72.12	
		BUTANAL			
		BUTRIC ALDEHYDE			
		N-BUTYL ALDEHYDE			
08AN02	00107-92-6	N-BUTYRIC ACID	C4H8O2	88.10	H
		BUTANOIC ACID			
		BUTYRIC ACID			
		ETHYLACETIC ACID			
08B080	00096-48-0	GAMMA-BUTYROLACTONE	C4H6O2	86.09	
		4-BUTYROLACTONE			
		DIHYDRO-2(3H)-FURANONE			
		4-HYDROXY BUTANOIC ACID LACTONE			
09A080	00109-74-0	BUTYRONITRILE	C4H7N	69.10	
		BUTANITRILE			
		CYANOPROPANE			
		PROPYL CYANIDE			
82A200	22537-48-0	CADMIUM ION	(CD)+2	112.42	P H
82B100	01306-19-0	CADMIUM OXIDE	CDO	128.42	P H
82B200	01306-23-6	CADMIUM SULFIDE	CDS	144.46	P H
82A100	07440-43-9	CADMIUM	CD	112.40	P H
82BN41	00543-90-8	CADMIUM ACETATE	C4H6CDO4	266.53	P H
82BN62	07789-42-6	CADMIUM CHLORIDE	CDCL2	183.32	P H
82B		CADMIUM- COMPOUNDS			P H
82	07440-43-9	CADMIUM- FREE AND COMBINED	CD	112.40	P H
82A		CADMIUM- METAL & IONS			P H
34A100	07440-70-2	CALCIUM	CA	40.08	
		CALCIUM METAL			
34A200	14127-61-8	CALCIUM ION	(CA)+2	40.08	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
49BN81	07778-44-1	CALCIUM ARSENATE	AS2CA3O8	398.06	P H
		TRICALCIUM ORTHOARSENATE			
34BN41	00075-20-7	CALCIUM CARBIDE	CAC2	64.10	H
		ACETYLENOGEN			
		CARBIDE			
34B400	00471-34-1	CALCIUM CARBONATE	CACO3	100.09	
		AGRICULTURAL LIMESTONE			
		ARAGONITE			
		CALCITE			
		CHALK			
		LITHOGRAPHIC STONE			
		MARBLE			
		PORTLAND STONE			
		SONHOFEN STONE			
57BN81	10043-52-4	CALCIUM CHLORIDE	CACL2	110.99	
68BN82	13765-19-0	CALCIUM CHROMATE	CACRO4	156.09	P H
		CALCIUM CHROME YELLOW			
		GEBLIN			
		YELLOW ULTRAMARINE			
47BN82	00592-01-8	CALCIUM CYANIDE	CAC2N2	92.12	H
34B600	07789-75-5	CALCIUM FLUORIDE	CAF2	78.08	
		FLUOROSPAR			
56BN85	16925-39-6	CALCIUM FLUOROSILICATE	CASIF6	182.16	
34BN11	01305-62-0	CALCIUM HYDROXIDE	CAO2H2	74.09	H
		CALCIUM HYDRATE			
		HYDRATED, SLAKED LIME			
		LIME			
57BN82	07778-54-3	CALCIUM HYPOCHLORITE	CACL2O2	142.99	H
34BN12	01305-78-8	CALCIUM OXIDE	CAO	56.08	H
		LIME			
		QUICKLIME			
34B200	07778-18-9	CALCIUM SULFATE	CASO4	136.14	
34B		CALCIUM- COMPOUNDS			
34	07440-70-2	CALCIUM- FREE AND COMBINED	CA	40.08	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
34A		CALCIUM- METAL & IONS			
07B100	00076-22-2	CAMPHOR	C10H16O	152.23	
		2-BORNANONE			
		D-2-CAMPHONONE			
		2-CAMPHONONE			
		FORMOSA CAMPHOR			
		2-OXO-BOVANE			
		1,7,7-TRIMETYLBICYCLO(2.2.1)HEPTAN-2-ONE			
08A103	00334-48-5	CAPRIC ACID	C10H20O2	172.26	
		N-DECANOIC ACID			
		N-DECOIC ACID			
07AN01	00066-25-1	CAPROALDEHYDE	C6H12O	100.14	
		HEXNAL			
08A101	00142-62-1	CAPROIC ACID	C6H12O2	116.22	
		HEXANOIC ACID			
05BN01	00111-87-5	CAPRYL ALCOHOL	C10H22O	158.28	
		HEXYLMETHYLCARBINOL			
		OCTANOL-2			
08A102	00124-07-2	CAPRYLIC ACID	C8H16O2	144.22	
		OCTANOIC ACID			
07PN01	00133-06-2	CAPTAN	C9H8CL3NO2S	300.57	H
		ORTHOCIDE 406			
		SR 406			
		VANCIDE-89			
23C080	00086-74-8	CARBAZOLE	C12H9N	167.20	
		9-AZOFLUORENE			
		DIBENZO(B,D)PYRROLE			
		DIPHENYLENEIMINE			
42A200	14337-00-9	CARBIDE ION	(C)-2	12.01	
		ACETYLIDE ION			
42A100	01333-86-4	CARBON	C	12.01	
		CARBON BLACK			
		LAMP BLACK			
37BN01	12069-32-8	CARBON BORIDE	CB4	55.25	
		BORON CARBIDE			
42B120	00124-38-9	CARBON DIOXIDE	CO2	44.01	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		CARBONIC ACID GAS CARBONIC ANHYDRIDE DRY ICE			
54B400	00506-80-9	CARBON DISELENIDE CARBON SELENIDE	CSE2	169.93	
53B400	00075-15-0	CARBON DISULFIDE CARBON BISULFIDE CARBON SULFIDE DITHIOCARBONIC ANHYDRIDE SULPHOCARBONIC ANHYDRIDE	CS2	76.14	H
42A		CARBON ELEMENTAL & IONIC			
42B100	00630-08-0	CARBON MONOXIDE	CO	28.01	
42A300	03812-32-6	CARBONATE ION	(CO3)-2	60.01	
02AN02	00558-13-4	CARBON TETRABROMIDE TETRABROMOMETHANE	CBR4	153.81	
02A240	00056-23-5	CARBON TETRACHLORIDE PERCHLOROMETHANE TETRACHLOROMETHANE	CCL4	153.82	P H
42A340	15581-40-5	CARBONYL ION	(CO)-2	28.01	
57B700	00075-44-5	CARBONYL CHLORIDE CARBONIC ACID DICHLORIDE CARBON OXYCHLORIDE CHLOROFORMYL CHLORIDE DIPHOSGENE PHOSGENE	COCL2	98.92	H
53B700	00463-58-1	CARBONYL SULFIDE CARBON OXYSULFIDE	COS	60.06	
42B		CARBON- COMPOUNDS			
42	07440-44-0	CARBON- FREE AND COMBINED	C	12.01	
08A		CARBOXYLIC ACIDS			
08		CARBOXYLIC ACIDS AND DERIVATIVES			
08B		CARBOXYLIC ACIDS & FUNCTIONAL GROUPS			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
07B181	00099-49-0	CARVONE (D OR L) CARVOL P-MENTHA-6,8-DIEN-2-ONE 2-METHYL-5(1-METHYLETHENYL)-2-CYCLOHEXENE-1-ONE	C10H14O	150.22	
07B180		CARVONES			
18B020	00321-01-7	CATECHOL O-BENZENEDIOL O-DIHYDROXYBENZENE 1,2-DIHYDROXYBENZENE O-HYDROXYPHENOL 2-HYDROXYPHENOL PYROCATECHOL	C6H6O2	110.11	
85A100	07440-45-1	CERIUM	CE	140.12	
85B		CERIUM- COMPOUNDS			
85B100	01306-38-3	CERIUM OXIDE CERIC OXIDE	CEO2	172.13	
85A200		CERIUM (III) ION	(CE)+3	140.12	
85A220	16065-90-0	CERIUM (IV) ION	(CE)+4	140.12	
85A		CERIUM-METAL AND IONS			
31A100	07440-46-2	CESIUM CESIUM METAL	CS	132.91	
31A200	15099-22-6	CESIUM ION	(CS)+1	132.91	
31B		CESIUM- COMPOUNDS			
31	07440-46-2	CESIUM- FREE AND COMBINED	CS	132.91	
31A		CESIUM- METAL & IONS			
05AN07	36653-82-4	CETYL ALCOHOL HEXADECYL ALCOHOL	C16H34O	242.39	
78B800	01308-56-1	CHALCOPYRITE CUPRIC FERROUS SULFIDE	CUFES2	183.52	H
57A340	14866-68-3	CHLORATE ION	(CLO3)-1	83.45	
14PN01	00057-74-9	CHLORDANE	C10H6CL8	409.80	P H

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		CHLORDAN			
		TOXICHLOR			
57A200	16887-00-6	CHLORIDE ION	(CL)-1	35.45	
19B021		CHLORINATED-O-CRESOL	C7H7CLO	142.59	
19B023		CHLORINATED-P-CRESOL	C7H7CLO	142.59	P H
19B020		CHLORINATED CRESOLS	C7H7CLO	142.59	P H
		CHLOROHYDROXYTOLUENES			
57A100	07782-50-5	CHLORINE	CL2	70.91	H
57B120	10049-04-4	CHLORINE DIOXIDE	CLO2	67.45	
		CHLORINE PEROXIDE			
57B		CHLORINE- COMPOUNDS			
57		CHLORINE- FREE AND COMBINED	CL	35.45	
57A		CHLORINE-GAS AND IONS			
57A320	14998-27-7	CHLORITE ION	(CLO2)-3	67.45	
08BN03	00079-11-8	CHLOROACETIC ACID	C2H3CLO2	94.50	
07BN08	00078-92-5	CHLOROACETONE	C3H5CLO	92.53	
		1-CHLORO-2-PROPANONE			
10CN05	00108-42-9	M-CHLOROANILINE	C6H6CLN	112.56	
10CN04	00095-51-2	O-CHLOROANILINE	C6H6CLN	112.56	
10CN06	00106-47-8	P-CHLOROANILINE	C6H6CLN	112.56	
16A020	00108-90-7	CHLOROBENZENE	C6H5CL	112.56	P H
		BENZENE CHLORIDE			
		MONOCHLOROBENZENE			
		PHENYL CHLORIDE			
04A160		ALPHA-CHLOROBUTYL ETHYL ETHER	C6H13CLO	136.62	
19B022	00059-50-7	4-CHLORO-3-CRESOL	C7H7CLO	142.59	P
04A060	29243-43-4	1-CHLORO-1,3-EPOXYPROPANE	C3H5CLO	92.52	
		2-CHLORO-OXETANE			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
04A040		2-CHLORO-1,2-EPOXYPROPANE	C3H5CLO	92.52	
04A120	00628-34-2	2-CHLOROETHYL ETHYL ETHER 2-CHLORO-DIETHYL ETHER	C4H9CLO	108.59	
04A080	00627-42-9	2-CHLOROETHYLMETHYL ETHER	C3H7CLO	94.54	
04A140	00110-75-8	2-CHLOROETHYL VINYL ETHER	C4H7CLO	106.55	P H
02A100	00067-66-3	CHLOROFORM (TRICHLOROMETHANE) METHANE TRICHLORIDE TRICHLOROMETHANE	CHCL3	119.38	P H
07C040		CHLOROHYDROXY BENZOPHENONES	C13H9CLO2	232.68	
07C046	35582-86-6	3-CHLORO-2-HYDROXY BENZOPHENONE	C13H9CLO2	232.68	
07C04E	00085-19-8	5-CHLORO-2-HYDROXY BENZOPHENONE	C13H9CLO2	232.68	
07C048	61002-52-6	3-CHLORO-4'-HYDROXY BENZOPHENONE	C13H9CLO2	232.68	
07C045		3-CHLORO-2'-HYDROXY BENZOPHENONE	C13H9CLO2	232.68	
07C047	62810-42-8	3-CHLORO-3'-HYDROXY BENZOPHENONE	C13H9CLO2	232.68	
07C049	55191-20-3	3-CHLORO-4-HYDROXY BENZOPHENONE	C13H9CLO2	232.68	
07C04C		4-CHLORO-3'-HYDROXY BENZOPHENONE	C13H9CLO2	232.68	
07C04A	02985-80-0	4-CHLORO-2-HYDROXY BENZOPHENONE	C13H9O2CL	232.68	
07C04B		4-CHLORO-2'-HYDROXY BENZOPHENONE	C13H9CLO2	232.68	
07C04D	42019-78-3	4-CHLORO-4'-HYDROXY BENZOPHENONE	C13H9CLO2	232.68	
07C041		2-CHLORO-2'-HYDROXY BENZOPHENONE	C13H9CLO2	232.68	
07C042		2-CHLORO-3'-HYDROXY BENZOPHENONE	C13H9CLO2	232.68	
07C043	55270-71-8	2-CHLORO-4'-HYDROXY BENZOPHENONE	C13H9CLO2	232.68	
07C044	00085-19-8	2-CHLORO-5-HYDROXY BENZOPHENONE	C13H9CLO2	232.68	
16B040	00100-44-7	BIS(CHLOROMETHYL)BENZENES	C8H8CL2	175.06	
16B042	00626-16-4	1,3-BIS(CHLOROMETHYL)BENZENE M-XYLENE CHLORIDE	C8H8CL2	175.06	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
16B043	00623-25-6	1,4-BIS(CHLOROMETHYL)BENZENE P-XYLENE CHLORIDE	C8H8CL2	175.06	
16B041	00612-12-4	1,2-BIS(CHLOROMETHYL)BENZENE O-XYLENE CHLORIDE	C8H8CL2	175.06	
04A100	03188-13-4	CHLOROMETHYL ETHYL ETHER	C3H7CLO	94.54	
04A020	00107-30-2	CHLOROMETHYL METHYL ETHER CMME DIMETHYL CHLOROETHER METHYL CHLOROMETHYL ETHER MONOCHLOROMETHYL ETHER	C2H5CLO	80.51	
16A200		CHLORONAPHTHALENES		162.62	
16A201	00090-13-1	1-CHLORONAPHTHALENE ALPHA-CHLORONAPHTHALENE	C10H7CL	162.62	
16A202	00091-58-7	2-CHLORONAPHTHALENE BETA-CHLORONAPHTHALENE	C10H7CL	162.62	P H
17B040	00088-73-3	1-CHLORO-2-NITROBENZENE O-CHLORONITROBENZENE	C6H4CLNO2	157.56	
17B060	00100-00-5	1-CHLORO-4-NITROBENZENE P-CHLORONITROBENZENE P-NITROCHLOROBENZENE	C6H4CLNO2	157.56	
02A400	00111-85-3	1-CHLOROOCTANE	C8H17CL	148.68	
19AN01	00108-43-0	M-CHLOROPHENOL	C6H5CLO	128.56	
19AN02	00106-48-9	P-CHLOROPHENOL	C6H5CLO	128.56	
19A020	00095-57-8	2-CHLOROPHENOL O-CHLOROPHENOL	C6H5CLO	128.55	P H
04A180	07005-72-3	4-CHLOROPHENYL PHENYL ETHER	C12H9CLO	204.65	P H
02BN03	00126-99-8	CHLOROPRENE 2-CHLORO-1,3-BUTADIENE	C4H5CL	88.53	
08BN08	00598-78-7	ALPHA-CHLOROPROPIONIC ACID	C3H5CLO	108.53	
08BN09	00107-94-8	BETA-CHLOROPROPIONIC ACID CHLOROPROPANOIC ACID	C3H5CLO	108.53	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
23A100		CHLOROPYRIDINES	C5H4CLN	113.55	
23A101	00109-09-1	2-CHLOROPYRIDINE	C5H4CLN	113.55	
23A102	00626-60-8	3-CHLOROPYRIDINE	C5H4CLN	113.55	
23A103	00626-61-9	4-CHLOROPYRIDINE	C5H4CLN	113.55	
14AN01	07790-94-5	CHLOROSULFONIC ACID SULFURIC CHLOROHYDRIH	CLHO3S	116.53	H
16B020	00100-44-7	ALPHA-CHLOROTOLUENE BENZENE(CHLOROMETHYL) BENZYL CHLORIDE CHLOROMETHYLBENZENE	C7H7CL	126.59	H
16A180	00095-49-8	2-CHLOROTOLUENE O-CHLOROTOLUENE 1-METHYL-2-CHLOROBENZENE O-TOLYL CHLORIDE	C7H7CL	126.59	
68A320	13907-45-4	CHROMATE ION	(CRO4)-2	115.99	P H
68BN41	01066-30-4	CHROMIC ACETATE	C6H9CRO6	229.14	P H
68BN11	11115-74-5	CHROMIC ACID CHROMIUM ANHYDRIDE CHROMIUM TRIOXIDE	CRO3	100.01	P H
68BN21	10101-53-8	CHROMIC SULFATE	CR2O12S3	392.20	P H
68A300		CHROMITE ION	(CRO3)-2	99.99	P H
68B840	01308-31-2	CHROMITE MINERAL CHROMITE ORE	FEO.CR2O3	171.84	P H
68A100	07440-47-3	CHROMIUM	CR	51.99	P H
68B700	13007-92-6	CHROMIUM CARBONYL CHROMIUM HEXACARBONYL	CRC6O6	220.06	P H
68B200	12018-22-3	CHROMIUM SULFIDE	CR2S3	200.18	P H
68A220	16065-83-1	CHROMIUM (III) ION CHROMIC	(CR)+3	51.99	P H
68B100	01308-38-9	CHROMIUM (III) OXIDE	CR2O3	152.00	P H

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		CASALIS GREEN			
		CHROME GREEN			
		CHROME OCHRE			
		CHROME OXIDE			
		CHROMIC OXIDE			
		CHROMIUM OXIDE			
		CHROMIUM SESQUIOXIDE			
		CHROMIUM TRIOXIDE			
		GREEN CHROMIUM OXIDE			
		GREEN OXIDE OF CHROMIUM			
		GREEN CINNABAR			
		GREEN ROUGE			
		LEAF GREEN			
		OIL GREEN			
		ULTRAMARINE GREEN			
68A200	22541-79-3	CHROMIUM (II) ION	(CR)+2	51.99	P H
		CHROMOUS			
68B		CHROMIUM- COMPOUNDS			P H
68	07440-47-3	CHROMIUM- FREE AND COMBINED	CR	51.99	P H
68A		CHROMIUM- METAL & IONS			P H
68BN61	10049-05-5	CHROMOUS CHLORIDE	CRCL2	122.92	P H
21B120	00218-01-9	CHRYSENE	C18H12	228.28	P H
		1,2-BENZOPHENANTHRENE			
		BENZ(A)PHENANTHRENE			
42B800		COAL			
74B820	27016-73-5	COBALT ARSENIDE	CO2AS	192.79	
74A100	07440-48-4	COBALT	CO	58.93	
74B800		COBALT ARSENIC SULFIDE	COASS	156.92	
		COBALTITE			
74B420	12011-59-5	COBALT CARBIDE	CO3C	188.82	
74B700	10210-68-1	COBALT CARBONYL	CO2C8O8	341.95	
		COBALT OCTACARBONYL			
		COBALT TETRACARBONYL			
74A220	22541-63-5	COBALT (III) ION	(CO)+3	58.93	
		COBALTIC ION			

E N V I R O N M E N T A L   A S S E S S M E N T   D A T A   S Y S T E M S

, CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
74B220	01332-71-4	COBALT (III) SULFIDE COBALT SESQUISULFIDE	CO2S3	214.06	
74B400	00513-79-1	COBALT (II) CARBONATE	COCO3.XH2O		
74B100	01307-96-6	COBALT (II) OXIDE	COO	74.93	
74A200	22541-53-3	COBALT (II) ION' COBALTOUS ION	(CO)+2	58.93	
74B120	21041-93-0	COBALT (II) HYDROXIDE COBALTOUS HYDROXIDE COBALTOUS SULFIDE	COH2O2	92.95	
74B200	01317-42-6	COBALT (II) SULFIDE COBALT MONOSULFIDE COBALTOUS SULFIDE COBALT SULFIDE SPHEROCOBALTITE SYCOPORITE	COS	91.00	
74BN61	07789-43-7	COBALTOUS BROMIDE COBALT BROMIDE	COBR2	218.77	H
74BN41	00544-18-3	COBALTOUS FORMATE COBALT FORMATE	COC2H2O4	148.98	H
74BN21	14017-41-5	COBALTOUS SULFAMATE COBALT SULFAMATE SULFAMIC ACID, COBALT SALT	COH6N2O6S2	253.11	H
74B		COBALT- COMPOUNDS			
74	07440-48-4	COBALT- FREE AND COMBINED	CO	58.93	
74A		COBALT- METAL & IONS			
23A120		COLLIDINES ETHYL METHYL PYRIDINES TRIMETHYLPYRIDINES	C8H11N	121.18	
23A122	00108-75-8	2,4,6-COLLIDINE	C8H11N	121.18	
21D		COMPOUNDS WITH MORE THAN FIVE FUSED RINGS			
22D		COMPOUNDS WITH MORE THAN FIVE FUSED RINGS			

ENVIRONMENTAL ASSESSMENT DATA SYSTEMS

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
78A100	07440-50-8	COPPER COPPER METAL	CU	63.54	H
78B400	01184-64-1	COPPER CARBONATF	CU2CO3	187.09	H
78B600	07789-19-7	COPPER FLUORIDE	CUF2	101.54	H
78B900		COPPER-8-HYDROXYQUINOLINE 8-QUINOLINOL COPPER CHELATE	CUC18H12N2O2	351.86	H
78B200	07758-98-7	COPPER SULFATE CUPRIC SULFATE ROMAN VITRIOL	CUSO4	159.62	H
78B220	07758-99-8	COPPER SULFATE PENTAHYDRATE BLUE VITRIOL COPPER SULFATE	CUSO4.(H2O)5	249.68	H
78A220	15158-11-9	COPPER (II) ION CUPRIC	(CU)+2	63.55	H
78B100	01317-39-1	COPPER (I) OXIDE CUPRITE RED COPPER OXIDE	CU2O	143.08	H
78B240	01317-40-4	COPPER (II) SULFIDE COVELLITE CUPRIC SULFIDE	CUS	95.62	H
78A200	17493-86-6	COPPER (I) ION CUPROUS	(CU)+	63.55	H
78B120	01317-38-0	COPPER (II) OXIDE BLACK COPPER OXIDE CUPRIC OXIDE PARAMELACONITE TENORITE	CUO	79.54	H
78B260	22205-45-4	COPPER (I) SULFIDE CHALCOCITE	CU2S	159.14	H
78B		COPPER- COMPOUNDS			H
78	07440-50-8	COPPER- FREE AND COMBINED	CU	63.54	H
78A		COPPER- METAL & IONS			H
21D100	00191-07-1	CORONENE	C24H12	300.36	

, CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		HEXABENZOBENZENE	C14H16CLO5PS	362.78	H
26PN02	00056-72-4	COUMAPHOS			
		CO-RAL	C7H8O	108.14	H
18A041	00108-39-4	M-CRESOL	C7H8O	108.14	H
18A042	00095-48-7	O-CRESOL	C7H8O	108.14	H
18A043	00106-44-5	P-CRESOL	C7H8O	108.14	H
18A040	01319-77-3	CRESOLS			
		CRESYLIC ACID			
		HYDROXYTOLUENE			
		METHYLPHENOL	C4H6O	70.09	H
07AN04	04170-30-3	CROTONALDEHYDE			
		2-BUTENAL			
		PROPYLENE ALDEHYDE	C4H6O2	86.09	
08AN10	03724-65-0	CROTONIC ACID			
		3-METHYLACRYLIC ACID	CUC4H6O4	181.63	H
78BN41	00142-71-2	CUPRIC ACETATE			
		COPPER ACETATE			
		CRYSTALLIZED VERDIGRIS	CUCL2	134.45	H
78BN61	07447-39-4	CUPRIC CHLORIDE			
		COPPER CHLORIDE	CUN2O6	187.56	H
78BN31	03251-23-8	CUPRIC NITRATE			
		COPPER NITRATE	CUC2O4	151.16	H
78BN42	05893-66-3	CUPRIC OXALATE			
		COPPER OXALATE	CUC4H4O6	211.61	H
78BN43	00815-82-7	CUPRIC TARTRATE			
		COPPER TARTRATE	(CN)-1	26.02	
47A360	00057-12-5	CYANIDE ION	C3H3NO2	85.06	
08BN10	00372-09-8	CYANOACETIC ACID			
		MALONIC MONONITRILE	C3H5N	55.08	
09A060	00107-12-0	1-CYANOETHANE			
		ETHYLCYANATE PROPANENITRILE			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
47B400	00460-19-5	CYANOGEN	C2N2	52.04	
		DICYAN			
		DICYANOGEN			
		ETHANEDINITRILE			
		OXALIC ACID DINITRILE			
47BN83	00506-77-4	CYANOGEN CHLORIDE	CCLN	61.48	H
03B		CYCLIC ETHERS			
01B180	26655-59-4	CYCLOHEXADIENES	C6H8	80.14	
01B181	00592-57-4	1,3-CYCLOHEXADIENE	C6H8	80.14	
		1,2-DIHYDROBENZENE			
01B182	00628-41-4	1,4-CYCLOHEXADIENE	C6H8	80.14	
		1,4-DIHYDROBENZENE			
01A160	00110-82-7	CYCLOHEXANE	C6H12	84.16	H
		HEXAHYDROBENZENE			
		HEXAMETHYLENE			
		HEXANAPHTHENE			
05AN02	00108-93-0	CYCLOHEXANOL	C6H12O	100.16	
		HEXAHYDROPHENOL			
07BN14	00108-94-1	CYCLOHEXANONE	C6H10O	98.14	
01B160	00110-83-8	CYCLOHEXENE	C6H10	82.15	
		BENZENETETRAHYDRIDE			
		HEXANAPHTHYLENE			
		TETRAHYDROBENZENE			
		3,4,5,6-TETRAHYDROBENZENE			
10A160	00108-91-8	CYCLOHEXYLAMINE	C6H13N	99.18	
		AMINOCYCLOHEXANE			
		HEXAHYDROANILINE			
01AN18	00292-64-8	CYCLOOCTANE	C8H16	112.19	
01B120	00542-92-7	CYCLOPENTADIENE	C5H6	66.10	
		1,3-CYCLOPENTADIENE			
01A120	00287-92-3	CYCLOPENTANE	C5H10	70.14	
		PENTAMETHYLENE			
22A040	00268-40-6	CYCLOPENTANONAPHTHALENE	C13H12	168.24	

, CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		4,5-BENZINDANE 1,2-CYCLOPENTANO-NAPHTHALENE 1,2-CYCLOPENTANONAPHTHALENE			
22B080	00203-64-5	CYCLOPENTA(DEF)PHENANTHRENE 4H-CYCLOPENTA(DEF)PHENANTHRENE PHENANTHRYLENE METHANE	C15H10	190.25	
01AN16	00291-64-5	CYLCHOHEPTANE ' HEPTAMETHYLENE	C7H14	98.19	
15BN04	00099-87-6	P-CYMENE METHYL(1-METHYLETHYL)BENZENE	C10H14	134.22	
01A241	00124-18-5	N-DECANE DECYLHYDRIDE	C10H22	142.29	
15B		DI AND POLYSUBSTITUTED BENZENE HC			
15B100		DIALKYL BENZENES (MW=134-191)			
08DN04	02998-04-1	DIALLYL ADIPATE HEXANEDIOIC ACID, DI-2-PROPENYL ESTER	C12H18O4	226.28	
03AN02	00557-40-4	DIALLYL ETHER 3,3'-OXYBIS(1-PROPENE)	C6H10O	98.14	
10C100	00106-50-3	1,4-DIAMINOBENZENE 4-AMINOANILINE 1,4-BENZENEDIAMINE P-DIAMINOBENZENE P-PHENYLENE-DIAMINE P-PHENYLENE DIAMINE	C6H8N2	108.14	
10A080	00107-15-3	1,2-DIAMINOETHANE DIMETHYLENEDIAMINE 1,2-ETHANEDIAMINE ETHYLENEDIAMINE	C2H8N2	60.11	H
03AN03	00693-65-2	DI-N-AMYL ETHER	C10H22O	147.17	
07BN06	00927-49-1	DI-N-AMYLKETONE	C11H22O	170.26	
11A020	00334-88-3	DIAZOMETHANE AZIMETHYLENE DIAZIRINE	CH2N2	42.05	
23BN03		DIBENZ(A,B)ACRIDINE	C21H13N	279.35	

. CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
23B240	00226-36-8	DIBENZ(A,H)ACRIDINE 1,2-5,6-DIBENZACRIDINE	C21H13N	279.35	
23B220	00224-42-0	DIBENZ(A,J)ACRIDINE 1,2-7,8-DIBENZACRIDINE	C21H13N	279.35	
23B260	00224-53-3	DIBENZ(C,H)ACRIDINE 3,4-5,6-DIBENZACRIDINE	C21H13N	279.35	
21C060	00215-58-7	DIBENZ(A,C)ANTHRACENE BENZO(B)TRIPHENYLENE 1,2-3,4-DIBENZANTHRACENE	C22H14	278.36	
21C080	00053-70-3	DIBENZ(A,H)ANTHRACENE DB(A,H)A 1,2-5,6-DIBENZANTHRACENE	C22H14	278.36	P H
68B900	01271-54-1	DIBENZENE CHROMIUM	C12H12CR	208.00	P H
23C180	00207-84-1	DIBENZO(A,G)CARBAZOLE 7H-DIBENZO(A,G)CARBAZOLE 1,2-5,6-DIBENZOCARBAZOLE	C20H13N	267.34	
23C140	00239-63-4	DIBENZO(A,I)CARBAZOLE 7H-DIBENZO(A,I)CARBAZOLE 1,2-7,8-DIBENZOCARBAZOLE	C20H13N	267.34	
23C160	28641-62-5	DIBENZO(C,G)CARBAZOLE 7H-DIBENZO(C,G)CARBAZOLE 3,4-5,6-DIBENZOCARBAZOLE	C20H13N	267.34	
22CN01	42227-03-2	DIBENZO(A,I)FLUORENE	C21H14	266.31	
22C060	00207-83-0	1,2:5,6-DIBENZOFLUORENE BENZ(E)ACEPHENANTHRYLENE 2,3-BENZOFLUORANTHENE B(B)F 13H-DIBENZO(A,G)FLUORENE	C21H14	266.35	
24B020	00132-64-9	DIBENZOFURAN DIPHENYLENE OXIDE DIPHENYLENEOXIDE	C12H8O	168.21	
21DN03	00227-04-3	DIBENZO(A,J)NAPHTHACENE	C26H16	328.37	
21DN02	00226-86-8	DIBENZO(A,L)NAPHTHACENE	C26H16	328.37	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
21DN04	00216-00-2	DIBENZO(A,C)NAPHTHACENE	C26H16	328.37	
21DN05		DIBENZO(B,P,Q,R)PERYLENE	C26H14	352.39	
21CN01	00222-93-5	DIBENZO(B,H)PHENANTHRENE	C22H14	278.36	
21DN07	00192-65-4	DIBENZO(A,E)PYRENE	C24H12	300.32	
21D020	00189-64-0	DIBENZO(A,H)PYRENE DB(A,H)P DIBENZO(B,DEF)CHRYSENE 1,2-6,7-DIBENZPYRENE 3,4-8,9-DIBENZPYRENE	C24H14	302.38	
21D040	00189-55-9	DIBENZO(A,I)PYRENE BENZO(RST)PENTAPHENE 2,3-6,7-DIBENZPYRENE 4,5-8,9-DIBENZPYRENE	C24H14	302.38	
21D060	00191-30-0	DIBENZO(A,L)PYRENE DIBENZO(DEF,P)CHRYSENE 1,2-3,4-DIBENZPYRENE 1,2-9,10-DIBENZPYRENE 2,3-4,5-DIBENZPYRENE	C24H14	302.38	
25B060	00132-65-0	DIBENZOTHIOPHENE DIPHENYLENE SULFIDE	C12H8S	184.27	
16A060		DIBROMOBENZENES	C6H4BR2	235.92	
16A061	00583-53-9	1,2-DIBROMOBENZENE	C6H4BR2	235.92	
16A062	00108-36-1	1,3-DIBROMOBENZENE	C6H4BR2	235.92	
16A063	00106-37-6	1,4-DIBROMOBENZENE P-DIBROMOBENZENE	C6H4BR2	235.92	
02AN07	00110-52-1	1,4-DIBROMOBUTANE	C4H8BR2	215.93	
02A140	00124-48-1	DIBROMOCHLOROMETHANE CHLORODIBROMOMETHANE	CHCLBR2	208.29	P H
02A180	00594-18-3	DIBROMODICHLOROMETHANE	CCL2BR2	242.74	
02AN03	00106-93-4	1,2-DIBROMOETHANE ETHYLENE DIBROMIDE	C2H4BR2	187.88	
02AN04	00557-91-5	1,1-DIBROMOETHANE	C2H4BR2	187.88	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
02BN01	00540-49-8	1,2-DIBROMOETHENE ACETYLENE DIBROMIDE 1,2-DIBROMOETHYLENE	C2H2BR2	185.87	
02AN09	00629-03-8	1,6-DIBROMOHEXANE	C6H12BR2	243.97	
02AN08	00111-24-0	1,5-DIBROMOPENTANE	C5H10BR2	229.93	
02AN06	00109-64-8	1,3-DIBROMOPROPANE 1,2-DIBROMOETHANE	C3H6BR2	201.90	
08D220	00105-99-7	DIBUTYL ADIPATE BUTYL ADIPATE DI-N-BUTYL ADIPATE	C14H26O4	258.36	
05AN04	00071-36-3	DI-N-BUTYLALCOHOL	C8H18O	122.15	
15B106	01012-72-2	1,4-DI-TERT-BUTYL BENZENE	C14H22	190.33	
18A182	05510-99-6	2,6-DI-SEC-BUTYL PHENOL	C14H22O	206.30	
08D283	00084-74-2	DI-N-BUTYL PHTHALATE 1,2-BENZENEDICARBOXYLIC ACID,DIBUTYL ESTER DIBUTYL PHTHALATE	C16H22O4	278.35	P H
07PN02	00117-80-6	DICHLONE DICHLORONAPHTHOQUINONE PHYGON	C10H4CL2O2	227.06	H
08BN06	00079-43-6	DICHLOROACETIC ACID	C2H2CL2O2	128.91	
07BN09	00534-07-6	DICHLOROACETONE	C3H4CL2O	126.98	
16A100	00095-50-1	1,2-DICHLOROBENZENE O-DICHLOROBENZENE	C6H4CL2	147.01	P H
16A120	00541-73-1	1,3-DICHLOROBENZENE M-DICHLOROBENZENE	C6H4CL2	147.01	P H
16A140	00106-46-7	1,4-DICHLOROBENZENE P-DICHLOROBENZENE	C6H4CL2	147.01	P H
10C160	00091-94-1	3,3'-DICHLOROBENZIDINE 4,4-DIAMINO-3,3'-DICHLOROBIPHENYL O,O'-DICHLOROBENZIDINE 3,3'-DICHLORO-4,4'-BIPHENYLDIAMINE 3,3'-DICHLORO-4,4'-DIAMINOBIPHENYL	C12H10CL2N2	253.13	P H

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
04B040	06986-48-7	1,1'-DICHLORODIETHYL ETHER	C4H8CL2O	143.01	
04B080	00111-44-4	2,2'-DICHLORODIETHYL ETHER BIS(2-CHLOROETHYL) ETHER 1,1'-OXYBIS(2-CHLOROETHANE)	C4H8CL2O	143.01	P H
04B060	00623-46-1	1,2-DICHLOROETHYL ETHYL ETHER	C4H8CL2O	143.01	
02A200	00075-71-8	DICHLORODIFLUOROMETHANE DIFLUORODICHLOROMETHANE	CCL2F2	120.91	P H
04B120		1,2-DICHLORODIISOBUTYL ETHER	C8H16CL2O	199.12	
04B100	00108-60-1	2,2'-DICHLORODIISOPROPYL ETHER BIS(2-CHLOROISOPROPYL)ETHER BIS(ALPHA-CHLOROISOPROPYL)ETHER BIS(2-CHLORO-1-METHYLETHYL)ETHER	C6H12CL2O	171.02	P H
02A260	00107-06-2	1,2-DICHLOROETHANE (ETHYLENE CHLORIDE) ETHYLENE CHLORIDE ETHYLENE DICHLORIDE GLYCOL DICHLORIDE	C2H4CL2	98.96	P H
02B041	00540-59-0	CIS-1,2-DICHLOROETHENE	C2H2CL2	96.94	
02B042	00540-59-0	TRANS-1,2-DICHLOROETHENE	C2H2CL2	96.94	P H
02B060	00075-35-4	1,1-DICHLOROETHENE 1,1-DICHLOROETHYLENE VINYLIDENE CHLORIDE	C2H2CL2	96.94	P H
02B040	00540-59-0	1,2-DICHLOROETHENE ACETYLENE DICHLORIDE ACETYLENEDICHLORIDE DICHLOROETHYLENE	C2H2CL2	96.94	
02AN10	00074-43-4	DICHLOROFLUOROMETHANE	CHCL2F	102.92	
04B020	00542-88-1	1,1'-DICHLOROMETHYL ETHER BIS(CHLOROMETHYL) ETHER OXY BIS(CHLOROMETHANE) OXYBIS(CHLOROMETHANE)	C2H4CL2O	114.96	P H
19A040	00120-83-2	2,4-DICHLOROPHENOL	C6H4CL2O	163.00	P H
02A340		DICHLOROPROPANES	C3H6CL2	112.99	H

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
02A341	00078-99-9	1,1-DICHLOROPROPANE PROPYLIDENE CHLORIDE PROPYLIDENE DICHLORIDE	C3H6CL2	112.99	H
02A342	00078-87-5	1,2-DICHLOROPROPANE PROPYLENE CHLORIDE PROPYLENE DICHLORIDE	C3H6CL2	112.99	P H
02A343	00142-28-9	1,3-DICHLOROPROPANE TRIMETHYLENE CHLORIDE	C3H6CL2	112.99	H
02A344	00594-20-7	2,2-DICHLOROPROPANE ACETONE DICHLORIDE ISOPROPYLIDENE CHLORIDE	C3H6CL2	112.99	
02B103	00542-75-6	CIS-1,3-DICHLOROPROPENE ALPHA-CHLOROALLYLCHLORIDE ALPHA-GAMMA-DICHLOROPROPYLENE 1,3-DICHLOROPROPYLENE TELONE	C3H4CL2	110.97	P H
02B100	26952-23-8	DICHLOROPROPENES	C3H4CL2	110.97	
02B102	00563-54-2	TRANS-1,2-DICHLOROPROPENE 1,2-DICHLOROPROPYLENE	C3H4CL2	110.97	
02B104	00542-75-6	TRANS-1,3-DICHLOROPROPENE	C3H4CL2	110.97	P H
02B101	00563-58-6	1,1-DICHLOROPROPENE	C3H4CL2	110.97	H
02B105	00078-88-6	2,3-DICHLOROPROPENE	C3H4CL2	110.97	
02B106	00563-57-5	3,3-DICHLOROPROPENE ACROLEIN DICHLORIDE	C3H4CL2	110.97	
08BN14	00075-99-0	2,2-DICHLOROPROPIONIC ACID DALAPON	C3H4CL2O2	142.97	H
02B090	00079-35-6	1,1-DICHLORO-2,2-DIFLUOROETHYLENE 1,1-DICHLORO-2,2-DIFLUOROETHENE 1,1-DIFLUORO-2,2-DICHLOROETHYLENE	C2CL2F2	132.93	
26PN03	00062-73-7	DICHLORVOS 2,2-DICHLOROVINYL DIMETHYL PHOSPHATE VAPONA	C4H7CL2O4P	220.98	H
68A340	13907-47-6	DICHROMATE ION	(CR2O7)-2	215.96	P H

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
09A100		1,3-DICYANO-1-HYDROXYBUTANE 1-HYDROXY-2-METHYL GLUTARONITRILE	C6H8N2O	124.08	
01B220	00077-73-6	DICYCLOPENTADIENE BICYCLOPENTADIENE BISCYCLOPENTADIENE 1,3-CYCLOPENTADIENE DIMER 3A,7,7,7A-TETRAHYDRO-4,7-METHANOINDENE	C10H12	132.21	
76B900	01271-28-9	DICYCLOPENTADIENYL NICKEL NICKELOCENE	NIC10H10	188.90	P H
04PN01	00060-57-1	DIELDRIN ALVIT	C12H8CL6O	380.93	P H
10BN01	00011-42-2	DIETHANOLAMINE	C4H11N	73.22	
08D260	00103-23-1	DI-2-ETHYLHEXYL ADIPATE BIS(2-ETHYLHEXYL)ADIPATE BISOFLEX	C22H42O2	370.58	
08D200	00141-28-6	DIETHYL ADIPATE ETHYL ADIPATE ETHYL DELTA-CARBOETHOXYVALERATE	C10H18O4	202.25	
10B080	00109-89-7	DIETHYLAMINE DIETHAMINE N-ETHYL-ETHANAMINE	C4H11N	73.14	H
15B102	00141-93-5	M-DIETHYL BENZENE	C10H14	134.22	
15B101	00135-01-3	O-DIETHYL BENZENE	C10H14	134.22	
15B103	00105-05-5	P-DIETHYL BENZENE	C10H14	134.22	
08D240		DI-2-ETHYLBUTYL ADIPATE BIS-2-ETHYLBUTYL ADIPIC ACID ESTER	C18H34O4	314.47	
08D300	00117-81-7	DI-2-ETHYLHEXYL PHTHALATE BENZENE DICARBOXYLIC ACID DIOCTYL ESTER DIETHYL HEXYL PHTHALATE DIOCTYLESTER-O-BENZENEDICARBOXYLICACID DIOCTYLESTER PHTHALIC ACID OCTYL PHTHALATE	C24H38O4	390.40	P H
08D282	00084-66-2	DIETHYL PHTHALATE	C12H14O4	222.24	P H
13B040	00352-93-2	DIETHYL SULFIDE	C4H10S	90.17	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		1,1'-THIO(BIS)ETHANE ETHYLSULFIDE THIOETHYLETHER			
04B		DIHALOGENATED AND POLYHALOGENATED ETHERS			
03AN05	00112-58-3	DI-N-HEXYL ETHER	C12H28O	162.28	
18B		DIHYDRICS, POLYHYDRICS			
23B100	00092-81-9	DIHYDROACRIDINE ACRIDAN CARBAZINE	C13H11N	181.24	
07B182	07764-50-3	DIHYDRO(D OR L)CARVONE	C10H16O	152.24	
15B140		DIHYDRONAPHTHALENES	C10H10	130.19	
15B141	00447-53-0	1,2-DIHYDRONAPHTHALENE	C10H10	130.19	
15B142	00612-17-9	1,4-DIHYDRONAPHTHALENE	C10H10	130.19	
18B040	00108-46-3	1,3-DIHYDROXYBENZENE 1,3-BENZENEDIOL M-BENZENEDIOL MEDIHYDROXYBENZENE RESORCIN RESORCINOL	C6H6O2	110.11	H
18B060	00123-31-9	1,4-DIHYDROXYBENZENE 1,4-BENZENEDIOL P-DIHYDROXYBENZENE HYDROQUINOL HYDROQUINONE P-DIHYDROXY BENZENE QUINOL	C6H6O2	110.11	
18A120	01806-29-7	2,2'-DIHYDROXYDIPHENYL 2,2'-BIPHENYLDIOL	C12H10O2	186.22	
03AN04	00544-01-4	DI-ISO-AMYL ETHER	C10H22O	147.17	
07BN05	00108-83-8	DI-ISO-BUTYLKETONE 2,6-DIMETHYL-4-HEPTANONE	C9H18O	142.21	
15B105	00099-62-7	M-DIISOPROPYL BENZENE	C12H18	162.28	
15B104	00577-55-9	O-DIISOPROPYL BENZENE	C12H18	162.28	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
07BN04	00565-80-0	DI-ISO-PROPYLKETONE	C7H14O	114.18	
83B920	00593-74-8	DIMETHYL MERCURY	C2H6HG	230.70	P H
21A080		DIMETHYL NAPHTHALENES	C12H12	156.23	
10B040	00124-40-3	DIMETHYLAMINE	C2H7N	45.09	H
11A040	00060-11-7	P-DIMETHYLAMINOAZOBENZENE BUTTER OR METHYL YELLOW 4-DIMETHYLAMINOAZOBENZENE N,N-DIMETHYL-4 (PHENYLAZO) BENZENAMINE	C14H15N3	225.30	
10D020	00121-69-7	N,N-DIMETHYLANILINE DIMETHYLPHENYLAMINE	C8H11N	121.18	
10C060	01300-73-8	DIMETHYLANILINES (XYLIDINES) AMINODIMETHYLBENZENES XYLIDINES	C8H11N	121.18	
21A160	00782-23-0	2,7-DIMETHYLANTHRACENE	C16H14	206.11	
21B060	00057-97-6	7,12-DIMETHYLBENZ(A)ANTHRACENE 9,10-DIMETHYL-1,2-BENZANTHRACE DMBA	C20H16	256.33	
05B080	00108-82-7	2,6-DIMETHYL-4-HEPTANOL DIISOBUTYL CARBINOL 2,6-DIMETHYLHEPTAN-4-OL 2,6-DIMETHYL HEPTA-4-OL NONYL ALCOHOL	C9H20O	144.26	
18A183		2,6-DIMETHYL-4-HEPTYL PHENOL	C15H24O	220.40	
11B040	00057-14-7	N,N-DIMETHYLHYDRAZINE DIMAZINE UNSYMMETRICAL DIMETHYLHYDRAZINE 1,1-DIMETHYLHYDRAZINE	C2H8N2	60.11	
11B060	00540-73-8	N,N'-DIMETHYLHYDRAZINE DIMETHYLHYDRAZINE 1,2-DIMETHYLHYDRAZINE	C2H8N2	60.11	
23B066	01721-94-4	1,3-DIMETHYLISOQUINOLINE	C11H11N	157.22	
23B067		1,5-DIMETHYLISOQUINOLINE	C11H11N	157.22	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
21A081	00571-58-4	1,4-DIMETHYLNAPHTHALENE ALPHA-DIMETHYLNAPHTHALENE	C12H12	156.23	
21A082	00088-84-6	2,3-DIMETHYLNAPHTHALENE GUAIENE	C12H12	156.23	
21A083	00581-42-0	2,6-DIMETHYLNAPHTHALENE	C12H12	156.23	
23B063	01463-17-8	2,8-DIMETHYLQUINOLINE O-TOLUQUINALDINE	C11H11N	157.22	
23B064	02436-92-2	3,4-DIMETHYLQUINOLINE 3-METHYLLEPIDINE	C11H11N	157.22	
01AN21	00108-08-7	2,4-DIMETHYL PENTANE	C7H16	100.21	
08D281	00131-11-3	DIMETHYL PHTHALATE	C10H10O4	194.19	P H
05A123	00075-84-3	2,2-DIMETHYL-1-PROPANOL	C5H12O	88.15	
21B220		DIMETHYLPYRENES	C18H14	230.31	
21BN02	15679-24-0	2,7-DIMETHYLPYRENE	C18H14	230.31	
21B221		3,4-DIMETHYLPYRENE	C18H14	230.31	
21B222	15679-25-1	4,5-DIMETHYLPYRENE	C18H14	230.31	
23A141	00583-61-9	2,3-DIMETHYLPYRIDINE 2,3-LUTIDINE	C7H9N	107.15	
23A142	00108-47-4	2,4-DIMETHYLPYRIDINE 2,4-LUTIDINE	C7H9N	107.15	
23A143	00589-93-5	2,5-DIMETHYLPYRIDINE 2,5-LUTIDINE	C7H9N	107.15	
23A144	00108-48-5	2,6-DIMETHYLPYRIDINE 2,6-LUTIDINE	C7H9N	107.15	
23A145	00583-58-4	3,4-DIMETHYLPYRIDINE 3,4-LUTIDINE	C7H9N	107.15	
23B060		DIMETHYLQUINOLINES AND DIMETHYL ISOQUINOLINES	C11H11N	157.22	
23B061	01721-89-7	2,3-DIMETHYLQUINOLINE 3-METHYLQUINALDINE	C11H11N	157.22	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
23B062	00877-43-0	2,6-DIMETHYLQUINOLINE 6-METHYLQUINALDINE	C11H11N	157.22	
23B065	02436-93-3	6,8-DIMETHYLQUINOLINE BETA-CYTISOLIDINE	C11H11N	157.22	
13B020	00075-18-3	DIMETHYL SULFIDE METHYL SULFIDE METHYLTHIOMETHANE THIOBISMETHANE	C2H6S	62.12	
14B020	00067-68-5	DIMETHYL SULFOXIDE DMSO METHYL SULFOXIDE SULFINYLBIS (METHANE)	C2H6SO	78.13	
25A060		DIMETHYLTHIOPHENES	C6H8S	112.21	
25A061	00632-16-6	2,3-DIMETHYLTHIOPHENE 2,3-THIOXENE	C6H8S	112.21	
25A062	00638-00-6	2,4-DIMETHYLTHIOPHENE 2,4-THIOXENE	C6H8S	112.21	
25A063	00638-02-8	2,5-DIMETHYLTHIOPHENE ALPHA,ALPHA-THIOXENE	C6H8S	112.21	
25A064	00632-15-5	3,4-DIMETHYLTHIOPHENE 3,4-DIME-THIOPHENE	C6H8S	112.21	
66B120	01313-96-8	NIOBIUM PENTOXIDE COLUMBIUM PENTOXIDE DINIOBIUM PENTOXIDE	NB2O5	265.81	
20B020	00534-52-1	4,6-DINITRO-O-CRESOL 2,4-DINITRO-O-CRESOL 3,5-DINITRO-2-HYDROXY TOLUENE 2-METHYL-4,6-DINITROPHENOL	C7H6N2O5	198.13	P H
20B040		DINITRO-P-CRESOLS	C7H6N2O5	198.13	
20B042	00609-93-8	2,6-DINITRO-P-CRESOL	C7H6N2O5	198.12	
20B041		3,5-DINITRO-P-CRESOL	C7H6N2O5	198.13	
47B180	10102-03-1	DINITROGEN PENTOXIDE NITRIC ANHYDRIDE NITROGEN PENTOXIDE	N2O5	107.97	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
47B150	10544-73-7	DINITROGEN TRIOXIDE NITROGEN SESQUIOXIDE NITROGEN TRIOXIDE NITROUS ANHYDRIDE	N2O3	76.01	
20A100		DINITROPHENOLS ALDIFEN DINITROHYDROXYBENZENES	C6H4N2O5	184.11	H
20A101	00051-28-5	2,4-DINITROPHENOL	C6H4N2O5	184.11	P H
20A102	00329-71-5	2,5-DINITROPHENOL	C6H4N2O5	184.11	
20A103	00573-56-8	2,6-DINITROPHENOL	C6H4N2O5	184.11	
17A080	02532-14-6	DINITROTOLUENES DNT	C7H6N2O4	182.14	H
17A083	00602-01-7	2-3-DINITROTOLUENE	C7H6N2O4	182.14	
17A084	00121-14-2	2,4-DINITROTOLUENE	C7H6N2O4	182.14	P H
17A085	00619-15-8	2,5-DINITROTOLUENE	C7H6N2O4	182.14	
17A081	00606-20-2	2,6-DINITROTOLUENE	C7H6N2O4	182.14	P H
17A082	00610-39-9	3,4-DINITROTOLUENE	C7H6N2O4	182.14	H
17A086	00618-85-9	3,5-DINITROTOLUENE	C7H6N2O4	182.14	
08D310	00117-84-0	DI-N-OCTYL PHTHALATE	C24H38O4	390.40	P H
03B040	00505-22-6	1,3-DIOXANE	C4H8O2	88.10	
03B020	00123-91-1	1,4-DIOXANE 1,4-DIETHYLENE DIOXIDE P-DIOXANE	C4H8O2	88.10	
15AN11	00501-65-5	DIPHENYLACETYLENE DIPHENYL ETHYNE TOLANE	C14H10	178.24	
15B060	00135-70-6	4,4'-DIPHENYLBIPHENYL P,P'-QUATERPHENYL TETRAPHENYL	C24H20	306.41	
15AN05	00612-00-0	1,1-DIPHENYLETHANE	C14H14	182.24	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
15AN06	00103-29-7	1,2-DIPHENYLETHANE	C14H14	182.24	
15AN10	00530-48-3	1,1-DIPHENYLETHENE DIPHENYLETHYLENE 1,1-ETHYLIDENEBIS(BENZENE)	C14H12	180.24	
06AN04	00101-84-8	DIPHENYLETHER	C12H100	170.20	
11B080	00122-66-7	1,2-DIPHENYLHYDRAZINE HYDRAZOBENZENE	C12H12N2	184.26	P H
15AN01	00101-81-5	DIPHENYLMETHANE	C13H12	168.23	
13B060	00139-66-2	DIPHENYL SULFIDE DIPHENYL THIOETHER DIPHENYLTHIOETHER PHENYL SULFIDE PHENYLTHIOBENZENE 1,1'-THIOBIS (BENZENE)	C12H10S	186.27	
07BN03	00123-19-3	DI-N-PROPYL KETONE 4-HEPTANONE	C7H140	114.18	
10PN01	00085-00-7	DIQUAT AQUACIDE	C12H12BR2N2	344.07	H
23A140		DISUBSTITUTED ALKYL PYRIDINES			
26PN04	00298-04-4	DISULFOTON DI-SYSTON	C8H1902PS3	274.38	H
03AN01	00109-93-3	DIVINYL ETHER 1,1-OXYBISETHENE	C4H60	70.09	
01AN11	00629-97-0	DOCOSANE	C22H46	310.54	
01A260	00112-40-3	N-DODECANE DIHEXYL DODECYLENE	C12H26	170.34	
14AN05	27176-87-0	DODECYLBENZENESULFONIC ACID BENZENESULFONIC ACID, DODECYL	C18H3003S	326.49	H
33B820	16389-88-1	DOLOMITE CALCIUM MAGNESIUM CARBONATE MAGNESIUM CARBONATE	CACO3.MGCO3	184.40	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
92A100	07429-91-6	DYSPROSIUM	DY	162.50	
92B		DYSPROSIUM- COMPOUNDS			
92A		DYSPROSIUM- METAL AND IONS			
92A200	22541-21-5	DYSPROSIUM ION	(DY)+3	162.50	
92	07429-91-6	DYSPROSIUM-FREE AND COMBINED	DY	162.50	
01AN08	00112-95-8	EICOSANE	C20H42	282.49	
14PN01	00115-29-7	ENDOSULFAN	C9H6CL6O3S	406.95	H
		THIODAN			
04PN02	00072-20-8	ENDRIN	C12H8CL6O	380.93	P H
		COMPOUND 269			
		MENDRIN			
04A050	00106-89-8	EPICHLORHYDRIN	C3H5CLO	92.52	H
		1-CHLORO-2,3-EPOXYPROPANE			
		CHLOROMETHYLOXIRANE			
		GAMMA-CHLOROPROPYLENE OXIDE			
06B		EPOXIDES			
06B020	00556-52-5	2,3-EPOXY-1-PROPANOL	C3H6O2	74.08	
		EPIHYDRIN ALCOHOL			
		GLYCIDOL			
		GLYCIDYL ALCOHOL			
		3-HYDROXY-1,2-EPOXYPROPANE			
		3-HYDROXYPROPYLENE OXIDE			
94A100	07440-52-0	ERBIUM	ER	167.26	
94A200	18472-30-5	ERBIUM ION	(ER)+3	167.26	
94A		ERBIUM- METAL AND IONS			
94B		ERBIUM-COMPOUNDS			
94	07440-52-0	ERBIUM-FREE AND COMBINED	ER	167.26	
08D		ESTERS			
01A040	00074-84-0	ETHANE	C2H6	30.07	
		BIMETHYL			
		DIMETHYL			

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MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		ETHYL HYDRIDE			
		METHYLMETHANE			
13A040	00075-08-1	ETHANETHIOL	C2H6S	62.13	
		ETHYL MERCAPTAN			
		ETHYL THIOALCOHOL			
05A040	00064-17-5	ETHANOL	C2H6O	46.07	
		ETHYL ALCOHOL			
		GRAIN ALCOHOL			
10A060	00141-43-5	ETHANOLAMINE	C2H7NO	61.10	
		2-AMINOETHANOL			
		2-HYDROXYLETHYLAMINE			
03		ETHERS			
26PN05	00563-12-2	ETHION	C9H22O4P2S4	384.48	H
		ETHYLMETHYLENEPHOSPHORODITHIOATE			
		NIALATE			
08D040	00141-78-6	ETHYL ACETATE	C4H8O2	88.10	
08D060	00140-88-5	ETHYL ACRYLATE	C5H8O2	100.11	
		ETHYL PROPENOATE			
		2-PROPENOIC ACID ETHYL ETHER			
10A040	00075-04-7	ETHYLAMINE	C2H7N	45.10	H
		1-AMINOETHANE			
		ETHANAMINE			
		MONOETHYLAMINE			
15A060	00100-41-4	ETHYL BENZENE	C8H10	106.16	P H
		ETHYL BENZOL			
		PHENYLETHANE			
21B108	56961-63-8	2-ETHYL BENZO(C)PHENANTHRENE	C20H16	256.37	
21B109		6-ETHYL BENZO(C)PHENANTHRENE	C20H16	256.37	
02A250	00075-00-3	ETHYL CHLORIDE	C2H5CL	64.52	P H
		CHLOROETHANE			
		CHLOROETHYL			
		MONOCHLOROETHANE			
18A161	01687-61-2	6-ETHYL-M-CRESOL	C9H12O	136.19	
		6-ETHYL-2-METHYL PHENOL			

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MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
18A163	03855-26-3	2-ETHYL-P-CRESOL 2-ETHYL-4-METHYL PHENOL	C9H12O	136.19	
18A160		ETHYL CRESOLS ETHYL METHYL PHENOLS METHYLETHYLPHENOLS	C9H10O	136.19	
18A162		4-ETHYL-O-CRESOL 4-ETHYL-3-METHYL PHENOL	C9H12O	136.19	
01B020	00074-85-1	ETHYLENE ETHENE	C2H4	28.22	
08BN15	00060-00-4	ETHYLENEDIAMINE-TETRAACETIC ACID (EDTA) EDETIC ACID EDTA ETHYLENEDINITRILO-TETRAACETIC ACID HAVIDOTE	C10H16N2O8	292.24	H
08DN02	00097-90-5	ETHYLENE DIMETHYLACRYLATE	C10H14O4	198.22	
06A020	00107-21-2	ETHYLENE GLYCOL 1,2-DIHYDROXYETHANE 1,2-ETHANEDIOL	C2H6O2	62.06	
10B020	00151-56-4	ETHYLENEIMINE AZACYCLOPROPANE AZIRIDINE	C2H5N	43.07	
05AN09	00104-76-7	2-ETHYL-1-HEXANOL 3-ETHYLHEXYL ALCOHOL	C8H18O	130.22	
10B060	00624-78-2	ETHYLMETHYLAMINE	C3H9N	59.11	
03B060	04359-46-0	2-ETHYL-4-METHYL-1,3-DIOXOLANE	C6H12O2	116.18	
23A121	00104-90-5	5-ETHYL-2-METHYL PYRIDINE	C8H11N	121.18	
21A043	01127-76-0	1-ETHYLNAPHTHALENE	C12H12	156.23	
21A044	00939-27-5	2-ETHYLNAPHTHALENE	C12H12	156.23	
18A082	00620-17-7	M-ETHYLPHENOL 3-ETHYLPHENOL	C8H10O	122.17	
18A081	00090-00-6	O-ETHYLPHENOL 2-ETHYLPHENOL	C8H10O	122.17	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
18A083	00123-07-9	P-ETHYLPHENOL 4-ETHYLPHENOL	C8H10O	122.17	
18A080		ETHYLPHENOLS ETHYLHYDROXY BENZENES	C8H10O	122.17	
23A061	00100-71-0	2-ETHYLPYRIDINE	C7H9N	107.16	
23A062	00536-78-7	3-ETHYLPYRIDINE	C7H9N	107.16	
23A063	00536-75-4	4-ETHYLPYRIDINE	C7H9N	107.16	
15BN11	28106-30-1	ETHYLSTYRENE ETHENYLETHYLBENZENE	C10H12	132.11	
15BN02	00620-14-4	M-ETHYLTOLUENE	C9H12	120.17	
15BN01	00611-14-3	O-ETHYLTOLUENE	C9H12	120.17	
15BN03	00622-96-8	P-ETHYLTOLUENE	C9H12	120.17	
89A100	07440-53-1	EUROPIUM	EU	151.96	
89A200	22541-18-0	EUROPIUM ION	(EU)+3	151.96	
89A		EUROPIUM METAL AND IONS			
89B		EUROPIUM-COMPOUNDS			
89	07440-53-1	EUROPIUM-FREE AND COMBINED	EU	151.96	
72BN61	07705-08-0	FERRIC CHLORIDE FLORES MARTIS IRON TRICHLORIDE	FECL3	162.22	H
72BN62	07783-50-8	FERRIC FLUORIDE	FEF3	112.85	H
72BN33	10421-48-4	FERRIC NITRATE IRON NITRATE	FEN3O9	241.87	H
72BN02	10028-22-5	FERRIC SULFATE FERRIC PERSULFATE FERRIC SESQUISULFATE FERRIC TERSULFATE	FEO12S3	399.87	H
72A320		FERRICYANIDE ION	(FEC6N6)-3	211.97	
72B900	00102-54-5	FERROCENE	C10H10FE	186.05	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		DICYCLOPENTADIENYLIRON			
		IRON DICYCLOPENTADIENYL			
72A300	13408-63-4	FERROCYANIDE ION	(FEC6N6)-4	211.97	
72BN63	07758-94-3	FERROUS CHLORIDE	FECL2	126.76	H
		IRON CHLORIDE			
		IRON DICHLORIDE			
72BN01	07720-78-7	FERROUS SULFATE (HYDRATED)	FESO4.(H2O)X		
		GREEN VITRIOL			
22B040	00206-44-0	FLUORANTHENE	C16H10	202.26	P H
		BENZO(J,K)FLUORENE			
22A020	00086-73-7	FLUORENE	C13H10	166.23	P H
		2,3-BENZINDENE			
		DIPHENYLENEMETHANE			
56A200	16984-48-8	FLUORIDE ION	(F)-1	18.99	
56A100	07782-41-4	FLUORINE	F2	38.00	
56B		FLUORINE- COMPOUNDS			
56		FLUORINE- FREE AND COMBINED	F	19.00	
56A		FLUORINE-GAS AND IONS			
08BN02	00144-49-0	FLUOROACETIC ACID	C2H3FO2	78.04	
07A020	00050-00-0	FORMALDEHYDE	CH2O	30.03	H
		FORMALIN			
		METHANAL			
		METHYL ALDEHYDE			
		METHYLENE OXIDE			
08C020	00075-12-7	FORMAMIDE	CH3NO	45.04	
		FORMIC ACID AMIDE			
		FORMYLAMINE			
		METHANAMIDE			
08A020	00064-18-6	FORMIC ACID	CH2O2	46.03	H
		METHANOIC ACID			
08AN19	00110-17-3	FUMARIC ACID	C4H4O4	116.07	H
		ALLOMALEIC ACID			
		BOLETIC ACID			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		TRANS-BUTENEDIOIC ACID			
		TRANS-1,2-ETHYLENEDICARBOXYLIC ACID			
24A020	00110-00-9	FURAN	C4H4O	68.08	
		FURFURANE			
		OXOLE			
		TETROLE			
07AN03	00098-01-1	FURFURAL	C5H4O2	96.08	H
		2-FURALDEHYDE			
		PYROMUCIC ALDEHYDE			
22		FUSED NON-ALTERNANT POLYCYCLIC HYDROCARBONS			
21		FUSED POLYCYCLIC HYDROCARBONS			
23B		FUSED 6-MEMBERED RING HETEROCYCLES			
18C		FUSED-RING HYDROXY COMPOUNDS			
90A100	07440-54-2	GADOLINIUM	GD	157.25	
90A200	22541-19-1	GADOLINIUM ION	(GD)+3	157.25	
90B		GADOLINIUM- COMPOUNDS			
90	07440-54-2	GADOLINIUM-FREE AND COMBINED	GD	157.25	
90A		GADOLINIUM-METAL AND IONS			
39A100	07440-55-3	GALLIUM	GA	69.72	
39B100	12024-21-4	GALLIUM SESQUIOXIDE	GA2O3	187.44	
39A220	22537-33-3	GALLIUM (III)ION	(GA)+3	69.72	
39A200	15091-79-9	GALLIUM (I) ION	(GA)+1	69.72	
39B		GALLIUM- COMPOUNDS			
39	07440-55-3	GALLIUM- FREE AND COMBINED	GA	69.72	
39A		GALLIUM- METAL & IONS	GA	69.72	
44B100	07782-65-2	GERMANE	GEH4	76.63	
		GERMANIUM HYDRIDE			
		MONOGERMANE			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
44A100	07440-56-4	GERMANIUM	GE	72.59	
44B120	01310-53-8	GERMANIUM OXIDE GERMANIC ACID GERMANIUM DIOXIDE	GEO2	104.59	
44A200	15735-13-4	GERMANIUM (II) ION GERMANOUS	(GE)+2	72.59	
44A220	16065-84-2	GERMANIUM (IV) ION GERMANIC	(GE)+4	72.59	
44B		GERMANIUM- COMPOUNDS			
44	07440-56-4	GERMANIUM- FREE AND COMBINED	GE	72.59	
44A		GERMANIUM- METAL & IONS			
44B200	12025-32-0	GERMANIUM(II)SULFIDE GERMANIUM MONOSULFIDE	GES	104.65	
44B220	12025-34-2	GERMANIUM(IV)SULFIDE GERMANIUM DISULFIDE	GES2	136.72	
C8AN14	00110-94-1	GLUTARIC ACID PENTANEDIOIC ACID	C5H8O4	132.11	
06A		GLYCOLS			
06		GLYCOLS, EPOXIDES			
08BN01	00298-12-4	GLYOXYLIC ACID OXOACETIC ACID	C2H2O3	74.04	
80A100	07440-57-5	GOLD	AU	196.97	
80A200		GOLD ION	(AU)+3	196.97	
80B		GOLD- COMPOUNDS			
80	07440-57-5	GOLD- FREE AND COMBINED	AU	196.97	
80A		GOLD- METAL & IONS			
64A100	07440-58-6	HAFNIUM HAFNIUM METAL	HF	178.49	
64A200	22541-25-9	HAFNIUM ION	(HF)+4	178.49	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
64B		HAFNIUM- COMPOUNDS			
64	07440-58-6	HAFNIUM- FREE AND COMBINED	HF	178.49	
64A		HAFNIUM- METAL & IONS			
16		HALOGENATED AROMATIC COMPOUNDS			
19B		HALOGENATED CRESOLS			
04		HALOGENATED ETHERS AND EPOXIDES			
04C		HALOGENATED ETHERS W ADDITIONAL FUNCTIONAL GROUPS			
19		HALOGENATED PHENOLIC COMPOUNDS			
19A		HALOPHENOLS			
NNN005	07440-59-7	HELIUM	HE	4.00	
01AN09	00629-94-7	HENEICOSANE	C21H44	296.52	
16PN03	00076-44-8	HEPTACHLOR DRINOX HEPTAGRAN VELSICOL-104	C10H5CL7	373.35	P H
01AN15	00593-49-7	HEPTACOSANE	C27H56	380.66	
01AN05	00629-78-7	HEPTADECANE	C17H36	240.42	
07AN02	00111-71-7	HEPTALDEHYDE HEPTANAL	C7H14O	114.18	
01A181	00142-82-5	N-HEPTANE DIPROPYL METHANE HEPTYL HYDRIDE	C7H16	100.21	
01A180		HEPTANES	C7H16	100.21	
01B202	00592-77-8	CIS-2-HEPTENE BETA-HEPTYLENE	C7H14	98.19	
01B204	00592-78-9	CIS-3-HEPTENE 4-HEPTENE GAMMA-HEPTYLENE	C7H14	98.19	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
01B200		HEPTENES	C7H14	98.19	
01B203	00592-77-8	TRANS-2-HEPTENE	C7H14	98.19	
01B205	00592-78-9	TRANS-3-HEPTENE 4-HEPTENE GAMMA-HEPTYLENE	C7H14	98.19	
01B201	00592-76-7	1-HEPTENE ALPHA-HEPTYLENE	C7H14	98.19	
08AN05	00111-14-8	N-HEPTYLIC ACID HEPTANOIC ACID	C7H14O2	130.15	
23		HETEROCYCLIC NITROGEN COMPOUNDS			
24		HETEROCYCLIC OXYGEN COMPOUNDS			
25		HETEROCYCLIC S COMPOUNDS			
16A162	00118-74-1	HEXACHLOROBENZENE PERCHLOROBENZENE	C6CL6	284.79	P H
02B120	00087-68-3	HEXACHLOROBUTADIENE HEXACHLORO-1,3-BUTADIENE	C4CL6	260.76	P H
02A380	00058-89-9	HEXACHLOROCYCLOHEXANE (LINDANE) GAMMA-BENZENE HEXACHLORIDE BENZENE TRANS-HEXACHLORIDE GAMMA BENZENE HEXACHLORIDE 1A,2A,3B,4A,5A,6B-HEXACHLOROCYCLOHEXANE LINDANE	C6H6CL6	290.83	P H
02B140	00077-47-4	HEXACHLOROCYCLOPENTADIENE C-56 PERCHLOROCYCLOPENTADIENE	C5CL6	272.77	P H
02A320	00067-72-1	HEXACHLOROETHANE CARBON HEXACHLORIDE HEXACHLORIDE PERCHLOROETHANE	C2CL6	236.74	P H
01AN14	00630-01-3	HEXACOSANE	C26H54	366.64	
01AN04	00544-76-3	HEXADECANE	C16H34	226.39	
15BN06	00087-85-4	HEXAMETHYLBENZENE	C12H18	156.20	

. CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
10AN06	00124-09-4	HEXAMETHYLENEDIAMINE	C6H16N2	116.22	
08C060	00105-60-2	6-HEXANELACTAM 6-AMINOHEXANOIC LACTAM E-CAPROLACTAM	C6H11NO	113.16	
01A141	00110-54-3	N-HEXANE DIPROPYL HEXYL HYDRIDE'	C6H14	86.18	
01A140		HEXANES	C6H14	86.18	
07BN01	00591-78-6	HEXANONE-2	C6H12O	100.14	
07BN02	00589-38-8	HEXANONE-3	C6H12O	100.14	
01B142	00592-43-8	CIS-2-HEXENE	C6H12	84.16	
01B144	00592-47-2	CIS-3-HEXENE	C6H12	84.16	
01B140	25264-93-1	HEXENES	C6H12	84.16	
01B143	00592-43-8	TRANS-2-HEXENE	C6H12	84.16	
01B145	00592-47-2	TRANS-3-HEXENE	C6H12	84.16	
01B141	00592-41-6	1-HEXENE BUTYLETHYLENE HEXENE HEXYLENE	C6H12	84.16	
05AN01	00111-27-3	N-HEXYL ALCOHOL 1-HEXANOL	C6H14O	102.17	
10AN01	00111-26-2	HEXYLAMINE	C6H15N	101.22	
93A100	07440-60-0	HOLMIUM	HO	164.93	
93A200	22541-22-6	HOLMIUM ION	(HO)+3	164.93	
93B		HOLMIUM-COMPOUNDS			
93	07440-60-0	HOLMIUM-FREE AND COMBINED	HO	164.93	
93A		HOLMIUM-METAL AND IONS			
38B800		HYDRATED ALUMINUM SILICATE	AL2O5SI.(H2O)X		

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
47B120	00302-01-2	HYDRAZINE	H4N2	32.06	
11B		HYDRAZINE DERIVATIVES			
47BN11	07782-79-8	HYDROAZOIC ACID	HN3	43.03	
NNN002	12184-88-2	HYDROGEN	H	1.01	
58B100	10035-10-6	HYDROGEN BROMIDE	HBR	80.91	
57B100	07647-01-0	HYDROGEN CHLORIDE	HCL	36.46	H
		HYDROCHLORIC ACID			
		MURIATIC ACID			
47B420	00074-90-8	HYDROGEN CYANIDE	HCN	27.03	H
		HYDROCYANIC ACID			
		PRUSSIC ACID			
56B100	07664-39-3	HYDROGEN FLUORIDE	HF	20.01	H
		FLUOHYDRIC ACID			
		FLUOROHYDRIC ACID GAS			
		HYDROFLUORIC ACID			
		HYDROFLUORIC ACID GAS			
48AN01	29505-79-1	HYDROGEN PHOSPHATE ION	(HPO4)-2	95.97	
54B100	07783-07-5	HYDROGEN SELENIDE	H2SE	80.98	
		SELENIUM HYDRIDE			
53B100	07783-06-4	HYDROGEN SULFIDE	H2S	34.08	H
		HYDROSULFURIC ACID			
		STINK DAMP			
		SULFURATED HYDROGEN			
52BN11	07722-84-1	HYDROGEN PEROXIDE	H2O2	34.02	
		HYDROGEN DIOXIDE			
		HYDROPEROXIDE			
68B500	07789-04-0	HYDROUS CHROMIUM PHOSPHATE	CRPO4.(H2O)X		P H
		HYDROUS CHROMIUM PHOSPHATE-DIHYDRATE			
		HYDROUS CHROMIUM PHOSPHATE-HEXAHYDRATE			
08B020	00079-14-1	HYDROXYACETIC ACID	C2H4O3	76.05	
		GLYCOLIC ACID			
		HYDROXYETHANOIC ACID			
18C140	00086-77-1	2-HYDROXYBENZOFURAN	C11H7O2	171.06	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
08B040	29656-58-4	HYDROXYBENZOIC ACIDS	C7H6O3	138.12	
08B043	00099-96-7	4-HYDROXYBENZOIC ACID P-HYDROXYBENZOIC ACID	C7H6O3	138.12	
08B041	00069-72-7	2-HYDROXYBENZOIC ACID O-HYDROXYBENZOIC ACID SALICYLIC ACID	C7H6O3	138.12	
08B042	00099-06-9	3-HYDROXYBENZOIC ACID	C7H6O3	138.12	
18C064	07651-86-7	4-HYDROXYPHENANTHRENE	C14H10O	194.24	
18C120	02443-58-5	2-HYDROXYFLUORENE 2-FLUORENOL	C13H10O	182.23	
08BN16	01191-25-9	6-HYDROXYHEXANOIC ACID	C6H12O3	132.16	
08BN17	13392-69-3	5-HYDROXY-PENTANOIC ACID	C5H10O3	118.13	
18C061	02433-56-9	1-HYDROXYPHENANTHRENE	C14H10O	194.24	
18C065	00484-17-3	9-HYDROXYPHENANTHRENE	C14H10O	194.24	
18C062	00605-55-0	2-HYDROXYPHENANTHRENE	C14H10O	194.24	
18C063	00605-87-8	3-HYDROXYPHENANTHRENE	C14H10O	194.24	
57A300	14989-30-1	HYPOCHLORITE ION	(CLO)-1	51.45	
15B020	00496-11-7	INDAN 2,3-DIHYDROINDENE HYDRINDENE	C9H10	118.19	
18C081	06351-10-6	1-INDANOL	C9H10O	134.18	
18C080		INDANOLS HYDROXYHYDRINDENE HYDROXYINDAN	C9H10O	134.18	
18C082	01641-41-4	4-INDANOL	C9H10O	134.18	
18C083	01470-94-6	5-INDANOL	C9H10O	134.18	
22A010	00095-13-6	INDENE INDONAPHTHENE	C9H8	116.16	
23B300	00206-56-4	INDENO(1,2,3,IJ)ISOQUINOLINE	C15H9N	203.25	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		2-AZAFLUORANTHENE			
22D020	00193-39-5	INDENO(1,2,3-CD)PYRENE IP 2,3-O-PHENYLENEPYRENE	C22H12	276.34	P H
40A100	07440-74-6	INDIUM	IN	114.82	
40A200	22537-49-1	INDIUM (III) ION	(IN)+3	114.82	
40B		INDIUM- COMPOUNDS			
40	07440-74-6	INDIUM- FREE AND COMBINED	IN	114.82	
40A		INDIUM- METAL & IONS			
23C040	00120-72-9	INDOLE 1-AZAINDENE 1-BENZAZOLE 2,3-BENZOPYRROLE	C8H7N	117.15	
59A100	07553-56-2	IODINE	I2	253.81	
59A200	20461-54-5	IODIDE ION	(I)-1	126.90	
59B		IODINE- COMPOUNDS			
59		IODINE- FREE AND COMBINED	I	126.90	
59A		IODINE- MOLECULAR AND IONS			
08BN05	00064-69-7	IODOACETIC ACID	C2H3IO2	185.96	
NNN003	07439-88-5	IRIDIUM	IR	192.22	
72A100	07439-89-6	IRON	FE	55.85	
68B800	12068-77-8	IRON CHROMATE	FECRO4	171.84	P H
72B700	13463-40-6	IRON PENTACARBONYL	FEC5O5	195.90	
72B120	01309-37-1	IRON (III) OXIDE FERRIC OXIDE	FE2O3	159.69	
72B140	01317-33-7	IRON (III) OXIDE (HYDRATED) FERRIC HYDROXIDE OXIDE HYDRATED FERRIC OXIDE IRON (III) HYDROXIDE	FE2O3.(H2O)X		

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
72B220	12363-27-3	IRON (III) SULFIDE FERRIC SULFIDE	FE2S3	208.87	
72B100	01345-25-1	IRON (II) OXIDE FERROUS OXIDE	FEO	71.85	
72B200	01317-37-9	IRON (II) SULFIDE FERROUS SULFIDE TROILITE	FES	87.91	
72B		IRON- COMPOUNDS			
72	07439-89-6	IRON- FREE AND COMBINED	FE	55.85	
72A		IRON- METAL & IONS			
72A220	20074-52-6	IRON(III)ION FERRIC	(FE)+3	55.85	
72A200	15438-31-0	IRON(II)ION FERROUS	(FE)+2	55.85	
08D143	00123-92-2	ISOAMYL ACETATE BANANA OIL 3-METHYL-1-BUTANOL ACETATE	C7H14O2	130.18	H
05B140	00124-76-5	ISOBORNEOL ALPHA,BETA-CAMPHOL EXO-2-BORNANOL EXO-2-CAMPHANOL EXO-1,7,7-TRIMETHYLBICYCLO(2.2.1)HEPTAN-2-OL EXO-1,7,7-TRIMETHYLBICYCLO [2.2.1] HEPTAN-2-OL	C10H18O	154.25	
01A082	00075-28-5	ISOBUTANE 2-METHYLPROPANE TRIMETHYLMETHANE	C4H10	58.14	
08D123	00110-19-0	ISOBUTYL ACETATE BETA-METHYLPROPYLETHANOATE	C6H12O2	116.16	H
05A100	00078-83-1	ISOBUTYL ALCOHOL ISOBUTANOL 2-METHYL-1-PROPANOL	C4H10O	74.12	
01B064	00115-11-7	ISOBUTYLENE ISOBUTENE	C4H8	56.12	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
08AN03	00079-31-2	ISO-BUTYRIC ACID	C4H8O2	88.10	
01A182	31394-54-4	ISOHEPTANE 2-METHYL HEXANE	C7H16	100.21	
01A142	00107-83-5	ISOHEXANE 2-METHYLPENTANE	C6H14	86.18	
01A222	34464-40-9	ISONONANE 2-METHYLOCTANE	C9H20	128.26	
01A202	00540-84-1	ISOOCTANE 2-METHYLHEPTANE 2,2,4-TRIMETHYLPENTANE	C8H18	114.22	
01A102	00078-78-4	ISOPENTANE ETHYLDIMETHYLMETHANE ALPHA-ISOAMYL HYDRIDE 2-METHYLBUTANE	C5H12	72.15	
07B080	00078-59-1	ISOPHORONE ISOACETOPHORONE 3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	C9H14O	138.09	P H
01BN02	00078-79-5	ISOPRENE 2-METHYL-1,3-BUTADIENE	C5H8	68.11	H
14AN02	42504-46-1	ISOPROPANOLAMINE DODECYLBENZENESULFONATE BENZENESULFONIC ACID, DODECYL W AMINOPROPANOL	C21H39NO4S	401.60	H
21B108		ISOPROPYL BENZO(C)PHENANTHRENE	C21H18	270.29	
08D102	00108-21-4	ISOPROPYL ACETATE	C5H10O2	102.13	
15A120	00098-82-8	ISOPROPYL BENZENE CUMENE ISOPROPYL BENZOL (1-METHYL ETHYL)BENZENE 2-PHENYLPROPANE	C9H12	120.20	
03A020	00108-20-3	ISOPROPYL ETHER DIISOPROPYL ETHER 2-ISOPROPOXY PROPANE 2,2'-OXY BIS(PROPANE)	C6H14O	102.18	
23B022	00119-65-3	ISOQUINOLINE BENZO(C)PYRIDINE	C9H7N	129.16	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		CHINOLEINE LEUCOL LEUCOLINE			
07B		KETONES			
NNN004	07439-90-9	KRYPTON	KR	83.80	
08BN11	10326-41-7	LACTIC ACID (R)-2-HYDROXYPROPANOIC ACID	C3H6O3	90.08	
84A100	07439-91-0	LANTHANUM	LA	138.91	
84A200	16096-89-2	LANTHANUM ION	(LA)+3	138.91	
84	07439-91-0	LANTHANUM- FREE AND COMBINED	LA	138.91	
84B		LANTHANUM-COMPOUNDS			
84A		LANTHANUM-METAL AND IONS			
08A104	00143-07-7	LAURIC ACID DODECANOIC ACID	C12H24O2	200.31	
05AN05	00112-53-8	LAURYL ALCOHOL DODECYL ALCOHOL	C12H26O	186.33	
10AN02	00124-22-1	LAURYLAMINE	C12H27N	185.22	
46A100	07439-92-1	LEAD PLUMBUM	PB	207.22	P H
46BN41	00301-04-2	LEAD ACETATE SUGAR OF LEAD	PBC4H6O4	325.28	P H
46B820	07784-40-9	LEAD ARSENATE GYPSINE	PBHASO4	347.12	P H
46B400	00598-63-0	LEAD CARBONATE CERUSSITE WHITE LEAD	PBCO3	267.22	P H
46BN61	07758-95-4	LEAD CHLORIDE	PBCL2	278.12	P H
68B820	07758-97-6	LEAD CHROMATE CHROME YELLOW CROCOITE KINGS YELLOW	PBCRO4	323.18	P H

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		PLUMBOUS CHROMATE			
46BN81	13814-96-5	LEAD FLUOBORATE	PBB2F8	380.80	P H
		BORATE-TETRAFLUORO-LEAD			
		LEAD FLUOROBORATE			
46BN62	07783-46-2	LEAD FLUORIDE	PBF2	245.21	P H
		LEAD DIFLUORIDE			
		PLUMBOUS FLUORIDE			
46BN63	10101-63-0	LEAD IODIDE	PBI2	461.05	P H
46B840	10190-55-3	LEAD MOLYBDATE	PBMOO4	367.13	P H
		WULFENITE			
46B100	01317-36-8	LEAD MONOXIDE	PBO	223.19	P H
		LEAD OXIDE YELLOW			
		LEAD PROTOXIDE			
		PLUMBOUS OXIDE			
46BN31	10099-74-8	LEAD NITRATE	PBN2O6	331.23	P H
46B500	07446-27-7	LEAD PHOSPHATE	PBP2O8	811.51	P H
		LEAD ORTHOPHOSPHATE			
		PLUMBOUS PHOSPHATE			
		TRILEAD PHOSPHATE			
46BN42	07428-48-0	LEAD STEARATE	PBC36H70O4	774.14	P H
		STEARIC ACID LEAD SALT			
46B220	07446-14-2	LEAD SULFATE	PBSO4	303.25	P H
		ANGLISITE			
46B200	01314-87-0	LEAD SULFIDE	PBS	239.26	P H
		GALENA			
		NATURAL LEAD SULFIDE			
		PLUMBOUS SULFIDE			
46BN21	00592-87-0	LEAD THIOCYANATE	PBS2C2N2	323.38	P H
		LEAD SULFOCYANATE			
46A220	15158-12-0	LEAD (IV) ION	(PB)+4	207.22	P H
		PLUMBIC			
46B		LEAD- COMPOUNDS			P H
46	07439-92-1	LEAD- FREE AND COMBINED	PB	207.22	P H

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
46A		LEAD- METAL & IONS			P H
46A200	14280-50-3	LEAD(II)ION PLUMBOUS	(PB)+2	207.22	P H
01BN03	00138-86-3	LIMONENE P-MENTHA-1,8-DIENE 1-METHYL-4(1-METHYLETHENYL)CYCLOHEXENE	C10H16	136.23	
27A100	07439-93-2	LITHIUM LITHIUM METAL	LI	6.94	
27B400	00554-13-2	LITHIUM CARBONATE CARBONIC ACID DILITHIUM SALT	LI2CO3	73.89	
68BN83	14307-35-8	LITHIUM CHROMATE	LICRO4	129.87	P H
27B600	07789-24-4	LITHIUM FLUORIDE	LIF	25.94	
27B100	07580-67-8	LITHIUM HYDRIDE	LIH	7.95	
27A200	17341-24-1	LITHIUM ION	(LI)+1	6.94	
27B		LITHIUM- COMPOUNDS			
27	07439-93-2	LITHIUM- FREE AND COMBINED	LI	6.94	
27A		LITHIUM-METAL & IONS			
97A100	07439-94-3	LUTETIUM	LU	174.97	
97A200	22541-24-8	LUTETIUM ION	(LU)+3	174.97	
97B		LUTETIUM-COMPOUNDS			
97	07439-94-3	LUTETIUM-FREE AND COMBINED	LU	174.97	
97A		LUTETIUM-METAL AND IONS			
71A220	14546-48-6	MANGANESE (III) ION MAGANIC MANGANIC	(MN)+3	54.94	
33B200	07487-88-9	MAGNESIUM SULFATE EPSOM SALTS	MGSO4	120.37	
33B400	00546-93-0	MAGNESITE MAGNESIUM CARBONATE	MGCO3	84.32	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
33A100	07439-95-4	MAGNESIUM	MG	24.31	
		MAGNESIUM METAL			
33B600	07783-40-6	MAGNESIUM FLUORIDE	MGF2	62.31	
		AFLUON			
		SELLAITE			
33A200	22537-22-0	MAGNESIUM ION	(MG)+2	24.31	
33B100	01309-48-4	MAGNESIUM OXIDE	MGO	40.31	
		CALCINED BRUCITE			
		CALCINED MAGNESIA			
		MAGNESIA			
		PERICLASE			
33B		MAGNESIUM- COMPOUNDS			
33	07439-95-4	MAGNESIUM- FREE AND COMBINED	MG	24.31	
33A		MAGNESIUM- METAL & IONS			
72B160	01309-38-2	MAGNETITE	FE3O4	231.51	
		MICACEOUS IRON ORE			
		MICACEOUS IRON OXIDE			
78B420	12069-69-1	MALACHITE	CUCO3.CUH2O2	221.11	H
		BASIC COPPER CARBONATE			
		COPPER CARBONATE HYDROXIDE			
		CUPRIC CARBONATE			
26PN01	00121-75-5	MALATHION	C10H19O6PS2	330.36	H
		PHOSPHOTHION			
08EN02	00108-31-6	MALEIC ANHYDRIDE	C4H2O3	98.06	H
		CIS-BUTENEDIOIC ANHYDRIDE			
		2,5-FURANDIONE			
		TOXILIC ANHYDRIDE			
08A060	00110-16-7	MALEIC ACID	C4H4O4	116.07	H
		CIS-BUTENEDIOIC ACID			
		CIS-1,2-ETHYLENEDICARBOXYLIC ACID			
		1,2-ETHYLENEDICARBOXYLIC ACID			
		MALEINIC ACID			
		MALENIC ACID			
		TOXILIC ACID			
08AN12	00141-82-2	MALONIC ACID	C3H4O4	104.06	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		PROPANEDIOIC ACID			
71A100	07439-96-5	MANGANESE	MN	54.94	
		COLLOIDAL MANGANESE			
		MANGANESE METAL			
71B400	00598-62-9	MANGANESE CARBONATE	MNCO3	114.95	
		RODOCHROSITE			
71B120	01313-13-9	MANGANESE DIOXIDE	MNO2	86.94	
		BLACK MANGANESE OXIDE			
		MANGANESE BIOXIDE			
		MANGANESE PEROXIDE			
		MANGANESE SUPEROXIDE			
		PYROLUSITE			
		PYROLUSITE BROWN			
71B220	07785-87-7	MANGANESE SULFATE	MNSO4	151.00	
		MANGANOUS SULFATE			
		SULFURIC ACID, MANGANESE SALT			
71B200	12125-23-4	MANGANESE SULFIDE	MNS2	119.07	
		HAUERITE			
71A200	16397-91-4	MANGANESE (II) ION	(MN)+2	54.94	
		MANGANOUS			
71B		MANGANESE- COMPOUNDS			
71		MANGANESE- FREE AND COMBINED	MN		
71A		MANGANESE- METAL & IONS			
71B100	01344-43-0	MANGANESE OXIDE	MNO	70.94	
		MANGANESE MONOXIDE			
		MANGANESE PROTOXIDE			
		MANGANOSITE			
83BN31	00592-04-1	MERCURIC CYANIDE	HGC2N2	252.65	P H
		MERCURY CYANIDE			
83BN32	10045-94-0	MERCURIC NITRATE	HGN2O6	324.66	P H
		MERCURY NITRATE			
		MERCURY PERNITRATE			
83BN21	07783-35-9	MERCURIC SULFATE	HGSO4	296.68	P H
		MERCURY PERSULFATE			
		MERCURY SULFATE			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
83BN22	00592-35-8	MERCURIC THIOCYANATE MERCURIC SULFOCYANATE MERCURIC SULFOCYANIDE MERCURY THIOCYANATE	HGC2S2N2	316.79	P H
83BN33	07782-86-7	MERCUROUS NITRATE	HG2N2O6	525.19	P H
83A100	07439-97-6	MERCURY QUICKSILVER	HG	200.59	P H
83B600	07487-94-7	MERCURY (II) CHLORIDE	HGCL2	271.50	P H
83A220	14302-87-5	MERCURY (II) ION MERCURIC	(HG)+2	200.59	P H
83B200	01344-48-5	MERCURY (II) SULFIDE CHINESE RED CINNABAR VERMILLION	HGS	232.65	P H
83B		MERCURY- COMPOUNDS			P H
83	07439-97-6	MERCURY- FREE AND COMBINED	HG	200.59	P H
83A		MERCURY- METAL & IONS			P H
83A200	12596-26-8	MERCURY(I) ION MERCUROUS	(HG2)+2	401.18	P H
07BN12	00141-79-7	MESITYL OXIDE	C6H10O	98.14	
37A320	14213-97-9	BORATE ION	(BO3)-3	58.81	
43A320	15593-90-5	METASILICATE ION	(SIO3)-2	76.09	
65A340	16389-35-8	METAVANADATE ION	(VO3)-1	98.99	
01A020	00074-82-8	METHANE METHYL HYDRIDE	CH4	16.04	
13A020	00074-93-1	METHANETHIOL MERCAPTOMETHANE METHYL SULFHYDRATE METHYL MERCAPTAN THIOMETHYL ALCOHOL	CH4S	48.11	H
05A020	00067-56-1	METHANOL	CH4O	32.04	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		CARBINOL METHYL ALCOHOL WOOD ALCOHOL			
08BN12	00625-45-6	METHOXYACETIC ACID	C3H6O3	90.07	
03A040	00086-26-0	2-METHOXYBIPHENYL METHYL DIPHENYL ETHER O-PHENYL ANISOLE	C13H12O	184.24	
17B020		METHOXYNITROBENZENES NITROANISOLES NITROPHENYL METHYL ETHERS	C7H7NO3	153.12	
17B021	00091-23-6	1-METHOXY-2-NITROBENZENE	C7H7NO3	153.12	
17B022	00555-03-3	1-METHOXY-3-NITROBENZENE	C7H7NO3	153.12	
17B023	00100-17-4	1-METHOXY-4-NITROBENZENE	C7H7NO3	153.12	
18A060	00090-05-1	2-METHOXYPHENOL GUAIACOL 2-HYDROXY ANISOLE 1-HYDROXY-2-METHOXYBENZENE METHYLCATECHOL	C7H8O2	124.15	
26PN06	00298-00-0	METHYL PARATHION NITROX-80	C8H10NO5PS	263.23	H
08D020	00079-20-9	METHYL ACETATE	C3H6O2	74.08	
10A020	00074-89-5	METHYLAMINE AMINO-METHANE MONOMETHYLAMINE	CH5N	31.06	H
21AN01	00613-12-7	2-METHYLANTHRACENE	C15H12	192.23	
08D160	00093-58-3	METHYL BENZOATE METHYLBENZENE CARBOXYLATE METHYL ESTER OF BENZOIC ACID	C8H8O2	136.14	
24A060	25586-38-3	METHYLBENZOFURANS	C9H8O	132.17	
24A061	04265-25-2	2-METHYLBENZOFURAN	C9H8O	132.17	
24A062	21535-97-7	3-METHYLBENZOFURAN	C9H8O	132.17	
24A063	18441-43-5	5-METHYLBENZOFURAN	C9H8O	132.17	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
24A064	17059-52-8	7-METHYLBENZOFURAN	C9H8O	132.17	
21B107		8-METHYL BENZO(C)PHENANTHRENE	C19H14	242.32	
21B104	00652-04-0	5-METHYL BENZO(C)PHENANTHRENE	C19H14	242.32	
21B105	02381-34-2	6-METHYL BENZO(C)PHENANTHRENE	C19H14	242.32	
21B106		7-METHYL BENZO(C)PHENANTHRENE	C19H14	242.32	
21B102	04076-39-5	1-METHYL BENZO(C)PHENANTHRENE	C19H14	242.32	
21B103	02606-85-1	2-METHYL BENZO(C)PHENANTHRENE	C19H14	242.32	
23D040	00120-75-2	2-METHYLBENZOTHIAZOLE	C8H7NS	149.20	
15BN10	00643-58-3	2-METHYL BIPHENYL	C13H12	168.24	
02A020	00074-83-9	METHYL BROMIDE MONOBROMOMETHANE	CH3BR	94.94	P H
07A120	26140-47-6	METHYLBUTANALS	C5H10O	86.14	
07A121	00096-17-3	2-METHYLBUTANAL ETHYLMETHYL ACETALDEHYDE ALPHA-METHYLBUTYRALDEHYDE 2-METHYLBUTYRALDEHYDE	C5H10O	86.14	
07A122	00590-86-3	3-METHYLBUTANAL ISOPENTALDEHYDE ISOVALERAL ISOVALERALDEHYDE ISOVALERIC ALDEHYDE 3-METHYLBUTYRALDEHYDE	C5H10O	86.14	
05A122	00137-32-6	2-METHYL-1-BUTANOL	C5H12O	88.15	
05A124	00123-51-3	3-METHYL-1-BUTANOL	C5H12O	88.15	
05B063	00598-75-4	3-METHYL-2-BUTANOL SEC-ISOAMYL ALCOHOL ISOPROPYL METHYL CARBINOL	C5H12O	88.15	
01BN05	00563-46-2	2-METHYL-1-BUTENE	C5H10	70.14	
23C100		METHYLCARBAZOLES METHYLDIBENZOPYRROLE	C13H11N	181.24	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		METHYLDIPHENYLENIMINE			
23C102	01484-12-4	9-METHYLCARBAZOLE	C13H11N	181.24	
		9-METHYLDIBENZOPYRROLE			
		9-METHYLDIPHENYLENIMINE			
23C101	04630-20-0	3-METHYLCARBAZOLE	C13H11N	181.24	
		3-METHYLDIBENZOPYRROLE			
		3-METHYLDIPHENYLENIMINE			
02A040	00074-87-3	METHYL CHLORIDE	CH3CL	50.49	P H
		CHLOROMETHANE			
		METHYLENE BICHLORIDE			
21B080	00056-49-5	3-METHYLCHOLANTHRENE	C21H16	268.37	
		BENZ(J)ACEANTHRYLENE-1,2-DIHYDRO-3-METHYL			
		1,2-DIHYDRO-3-METHYLBENZ(J)ACEANTHRYLENE			
		20-METHYLCHOLANTHRENE			
21B140		METHYL CHRYSENES	C19H14	242.32	
21B141	03351-30-2	4-METHYL CHRYSENE	CU9H14	242.32	
21B142	03697-24-3	5-METHYL CHRYSENE	C19H14	242.32	
01AN23	00108-87-2	METHYL CYCLOHEXANE	C7H14	98.19	
15BN09	03287-02-3	4-METHYLDIPHENYLACETYLENE	C15H12	192.26	
13B080	00624-92-0	METHYLDISULFIDE	C2H6S2	94.19	
		DIMETHYL DISULFIDE			
		METHYL DITHIOMETHANE			
02A080	00075-09-2	METHYLENE CHLORIDE (DICHLOROMETHANE)	CH2CL2	84.94	P H
		DICHLOROMETHANE			
		METHYLENE BICHLORIDE			
10C180	00101-14-4	4,4'-METHYLENE BIS(2-CHLOROANILINE)	C13H12CL2N2	267.05	
		DI-(4-AMINO-3-CHLOROPHENYL)METHANE			
		3,3'-DICHLORO-4,4'-DIAMINODIPHENYL-METHANE			
02AN01	00075-11-6	METHYLENEIODIDE	CH2I2	267.81	
08AN21	00626-70-0	2-METHYLHEXANEDIOC ACID	C7H12O4	160.17	
01AN22	00589-34-4	3-METHYL HEXANE	C7H16	100.21	
22AN02	00767-59-9	1-METHYL INDENE	C10H10	130.19	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
22AN03	02177-47-1	2-METHYL INDENE	C10H10	130.19	
23C060		METHYLINDOLES	C9H9N	131.18	
23C061	00095-20-5	2-METHYLINDOLE	C9H9N	131.18	
23C062	00083-34-1	3-METHYLINDOLE SKATOLE	C9H9N	131.18	
02A060	00074-88-4	METHYL IODIDE IODOMETHANE	CH3I	141.94	
08D080	00080-62-6	METHYL METHACRYLATE METHACRYLIC ACID METHYL ESTER METHYL METHYLACRYLATE METHYL ALPHA-METHACRYLATE 2-METHYL METHYL ESTER METHYL-2-METHYL-2-PROPENOATE	C5H8O2	100.11	H
21A041	00090-12-0	1-METHYLNAPHTHALENE ALPHA-METHYLNAPHTHALENE	C11H10	142.20	
21A042	00091-57-6	2-METHYLNAPHTHALENE BETA-METHYLNAPHTHALENE	C11H10	142.20	
12B020	00614-00-6	N-METHYL-N-NITROSOANILINE N-METHYL-N-NITROSO-BENZENAMINE METHYLNITROSOPHENYLAMINE METHYL PHENYL NITROSAMINE NITROSOMETHYLANILINE N-NITROSO-N-METHYLANILINE N-NITROSO-PHENYLAMINE	C7H8N2O	136.17	
01AN20	00096-14-0	3-METHYL PENTANE	C6H14	86.18	
01BN06		4-METHYL-2-PENTENE	C6H12	84.16	
21A200		METHYLPHENANTHRENES	C15H12	192.26	
21A201	00832-69-9	1-METHYLPHENANTHRENE	C15H12	192.26	
21A202	02531-84-2	3-METHYLPHENANTHRENE	C15H12	192.26	
21BN03	27577-90-8	METHYL PYRENE	C17H12	216.28	
21B200	02381-21-7	1-METHYLPYRENE	C17H12	216.28	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
21BN01	02381-21-7	4-METHYLPYRENE	C17H13	217.26	
23A041	00109-06-8	2-METHYLPYRIDINE ALPHA-PICOLINE	C6H7N	93.14	
23A042	00108-99-6	3-METHYLPYRIDINE BETA-PICOLINE	C6H7N	93.14	
23A043	00108-89-4	4-METHYLPYRIDINE GAMMA-PICOLINE	C6H7N	93.14	
23B040	00091-63-4	2-METHYLQUINOLINE QUINALDINE	C10H9N	143.19	
25A040		METHYL THIOPHENES	C5H6S	98.17	
25A041	00554-14-3	2-METHYLTHIOPHENE	C5H6S	98.17	
25A042	00616-44-4	3-METHYLTHIOPHENE	C5H6S	98.17	
26PN08	07786-34-7	MEVINPHOS NIRAN PHOSDRIN	C7H13O6P	224.16	H
69A300	14259-85-9	MOLYBDATE ION	(MOO4)-2	159.94	
69A100	07439-98-7	MOLYBDENUM	MO	95.94	
69B200	01317-33-5	MOLYBDENUM SULFIDE MOLYBDENITE MOLYBDENUM DISULFIDE MOLYBDIC SULFIDE	MOS2	160.07	
69B100	01313-27-5	MOLYBDENUM TRIOXIDE	MOO3	143.94	
69A220	22541-86-2	MOLYBDENUM (III) ION MOLYBDIC	(MO)+3	95.94	
69A200	22541-87-3	MOLYBDENUM (II) ION MOLYBDENOUS	(MO)+2	95.94	
69B		MOLYBDENUM- COMPOUNDS			
69	07439-98-7	MOLYBDENUM- FREE AND COMBINED	MO	95.94	
69A		MOLYBDENUM- METAL & IONS			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
21A040		MONOALKYLNAPHTHALENES		142.20	
04A		MONOHALOGENATED ETHERS AND EPOXIDES			
18A		MONOHYDRICS			
83B900	20333-29-3	MONOMETHYL MERCURY	C2H6HG2	431.29	P H
		DIMETHYLDIMERCURY			
11B020	00060-34-4	MONOMETHYLHYDRAZINE	CH6N2	46.08	
		METHYLHYDRAZINE			
23A060		MONOSUBSTITUTED ALKYL PYRIDINES			
10B100	00110-91-8	MORPHOLINE	C4H9NO	87.12	
		DIETHYLENEIMIDE OXIDE			
		DIETHYLENE IMIDOXIDE			
		DIETHYLENE-OXIMIDE			
		DIETHYLENIMIDOXIDE			
		TETRAHYDRO-1,4-OXAZINE			
05AN06	00112-72-1	MRISTYL ALCOHOL	C14H30O	214.34	
		TETRADECYL ALCOHOL			
08A121	00544-63-8	MYRISTIC ACID	C14H28O2	228.36	
		TETRADECANOIC ACID			
		N-TETRADECOIC ACID			
		1-TRIDECANE CARBOXYLIC ACID			
26PN09	00300-76-5	NALED	C4H7BR2CL2O4P	380.79	H
		DIBROM			
21B020	00092-24-0	NAPHTHACENE	C18H12	228.28	
		2,3-BENZANTHRACENE			
		BENZO(B)ANTHRACENE			
		CHRYSOGEN			
		TETRACENE			
21A020	00091-20-3	NAPHTHALENE	C10H8	128.18	P H
		NAPHTHALIN			
		TAR CAMPHOR			
		WHITE TAR			
08AN20	01338-24-5	NAPHTHENIC ACID	C7H12O2	128.17	H
		CYCLOHEXANECARBOXYLIC ACID			
		HEXAHYDROBENZOIC ACID			
24B040		NAPHTHOFURANS	C12H8O	168.19	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
24B041	00234-03-7	NAPHTHO(1,2-B)FURAN	C12H8O	168.19	
24B042	00232-95-1	NAPHTHO (2,1-B)FURAN	C12H8O	168.19	
24B043	00268-68-8	NAPTHO(2,3-B)FURAN	C12H8O	168.19	
18C040	00135-19-3	2-NAPHTHOL 2-HYDROXY NAPHTHALENE BETA-NAPHTHOL BETA-NAPHTHYL HYDROXIDE	C10H8O	144.19	
18C020	00090-15-3	1-NAPHTHOL ALPHA-HYDROXYNAPHTHALENE 1-NAPHTHALENOL ALPHA-NAPHTHOL	C10H8O	144.19	
09B040		NAPHTHONITRILES CYANO NAPHTHALENES	C11H7N	153.19	
09B041	00086-53-3	ALPHA-NAPHTHONITRILE 1-CYANONAPHTHALENE 1-NAPHTHONITRILE	C11H7N	153.19	
09B042	00613-46-7	BETA-NAPHTHONITRILE 2-CYANONAPHTHALENE 2-NAPHTHONITRILE	C11H7N	153.19	
21DN06	00196-42-9	NAPHTHO(2,3,A)PYRENE	C24H14	302.38	
87A100	07440-00-8	NEODYMIUM	ND	144.24	
87A200	14913-52-1	NEODYMIUM ION	(ND)+3	144.24	
87A		NEODYMIUM- METAL AND IONS			
87B		NEODYMIUM-COMPOUNDS			
87	07440-00-8	NEODYMIUM-FREE AND COMBINED	ND	144.24	
NNN006	07440-01-9	NEON	NE	20.18	
01A103	00463-82-1	NEOPENTANE 2,2-DIMETHYLPROPANE TETRAMETHYLMETHANE	C5H12	72.15	
76A100	07440-02-0	NICKEL	NI	58.71	P H

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
76BN21	15699-18-0	NICKEL AMMONIUM SULFATE AMMONIUM NICKEL SULFATE SULFURIC ACID, AMMONIUM NICKEL SALT	H10N2NIO8S2	288.92	P H
76B840	12035-52-8	NICKEL ANTIMONIDE	NISB	180.46	P H
76B820	12255-10-6	NICKEL ARSENIC SULFIDE	NIASS	165.68	P H
76B800	27016-75-7	NICKEL ARSENIDE	NIAS	133.63	P H
76B700	13463-39-3	NICKEL CARBONYL NICKEL TETRACARBONYL	NIC4O4	170.75	P H
76BN61	37211-05-5	NICKEL CHLORIDE NICKELOUS CHLORIDE	NICL2	129.61	P H
76BN11	12054-48-7	NICKEL HYDROXIDE NICKELOUS HYDROXIDE	NIO2H2	92.72	P H
76BN31	14216-75-2	NICKEL NITRATE	NIN2O6	182.72	P H
76B100	01313-99-1	NICKEL OXIDE BUNSENITE NICKEL MONOXIDE	NIO	74.71	P H
76BN22	07786-81-4	NICKEL SULFATE NICKELOUS SULFATE	NISO4	154.77	P H
76A220	22541-64-6	NICKEL (III) ION NICKELIC	(NI)+3	58.72	P H
76A200	14701-22-5	NICKEL (II) ION NICKELOUS	(NI)+2	58.72	P H
76B200	16812-54-7	NICKEL (II) SULFIDE BUNSENITE MILLERITE	NIS	90.77	P H
76B		NICKEL- COMPOUNDS			P H
76	07440-02-0	NICKEL- FREE AND COMBINED	NI	58.71	P H
76A		NICKEL- METAL & IONS			P H
66A100	07440-03-1	NIOBIUM COLUMBIUM	NB	92.91	
66B100	12034-57-0	NIOBIUM OXIDE	NBO	108.91	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
66A200	22541-83-9	NIOBIUM (III) ION NIOBUS	(NB)+3	92.91	
66A220	22537-41-3	NIOBIUM (V) ION NIOBIC	(NB)+5	92.91	
66B		NIOBIUM- COMPOUNDS			
66	07440-03-1	NIOBIUM- FREE AND COMBINED	NB	92.91	
66A		NIOBIUM- METAL & IONS			
47A340	14797-55-8	NITRATE ION	(NO3)-1	61.99	
47B190	07697-37-2	NITRIC ACID AQUA FORTIS AZOTIC ACID HYDROGEN NITRATE	HNO3	63.01	H
47B160	07664-41-7	NITRIC OXIDE NITROGEN MONOXIDE	NO	30.01	
47A200	18851-77-9	NITRIDE ION	(N)-3	14.01	
09		NITRILES			
47A320	14797-65-0	NITRITE ION	(NO2)-1	45.99	
17A020	00098-95-3	NITROBENZENE NITROBENZOL OIL OF MIRBANE	C6H5NO2	123.11	P H
17A060	00092-93-3	4-NITROBIPHENYL P-NITROBIPHENYL 4-NITRODIPHENYL	C12H9NO2	199.21	
20B		NITROCRESOLS			
47A100	07727-37-9	NITROGEN	N2	28.01	
47B170	10102-44-0	NITROGEN DIOXIDE NITROGEN PEROXIDE	NO2	45.99	H
23D		NITROGEN HETEROCYCLES W ADDITIONAL HETERO ATOMS			
47B		NITROGEN- COMPOUNDS			

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E N V I R O N M E N T A L   A S S E S S M E N T   D A T A   S Y S T E M S

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
47	07727-37-9	NITROGEN- FREE AND COMBINED	N	14.01	
47A		NITROGEN-ELEMENTAL & IONIC			
47B140	10024-97-2	NITROUS OXIDE DINITROGEN MONOXIDE HYPONITROUS ACID ANHYDRIDE LAUGHING GAS	N_2O	44.01	
20A020	00088-75-5	2-NITROPHENOL 2-HYDROXYNITROBENZENE O-NITROPHENOL	$C_6H_5NO_3$	139.12	P H
20		NITROPHENOLIC COMPOUNDS			
20A		NITROPHENOLS			
20A040	00554-84-7	3-NITROPHENOL M-NITROPHENOL	$C_6H_5NO_3$	139.12	H
20A060	00100-02-7	4-NITROPHENOL P-NITROPHENOL	$C_6H_5NO_3$	139.12	P H
12		NITROSAMINES			
12A040	00055-18-5	N-NITROSODIETHYLAMINE DIETHYLNITROSOAMINE	$C_4H_{10}N_2O$	102.14	
12A080	03398-69-4	N-NITROSODIISOPROPYLAMINE NITROSODIISOPROPYLAMINE NITROUS DIISOPROPYLAMIDE	$C_6H_{14}N_2O$	130.19	P H
12A020	00062-75-9	N-NITROSODIMETHYLAMINE DIMETHYLNITROSOAMINE	$C_2H_6N_2O$	74.08	P H
12A100	13256-06-9	N-NITROSODIPENTYLAMINE DI-N-AMYLNITROSAMINE DIPENTYLNITROSAMINE	$C_{10}H_{22}N_2O$	186.34	
12B040	00086-30-6	N-NITROSODIPHENYLAMINE DIPHENYLNITROSAMINE NITROUS DIPHENYLAMIDE	$C_{12}H_{10}N_2O$	198.23	P H
12A060	00621-64-7	N-NITROSODIPROPYLAMINE DI-N-PROPYLNITROSAMINE N-NITROSO-N-DIPROPYLAMINE NITROUS DIPROPYLAMIDF PROPYL NITROSAMINE	$C_6H_{14}N_2O$	130.19	P H

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
17A041	00088-72-2	2-NITROTOLUENE O-NITROTOLUENE	C7H7NO2	137.13	H
17A040	01321-12-6	NITROTOLUENES METHYLNITROBENZENES	C7H7NO2	137.13	H
17A042	00099-08-1	3-NITROTOLUENE M-NITROTOLUENE	C7H7NO2	137.13	H
17A043	00099-99-0	4-NITROTOLUENE P-NITROTOLUENE	C7H7NO2	137.13	H
01AN07	00629-92-5	NONADECANE	C19H40	268.47	
01A221	00111-84-2	N-NONANE	C9H20	128.26	
01A220		NONANES	C9H20	128.26	
03A		NONCYCLIC ALIPHATIC OR AROMATIC ETHERS			
18AN01	25154-52-3	NONYL PHENOL	C15H24O	220.37	
01AN17	00630-02-4	OCTACOSANE	C28H58	394.69	
01AN06	00593-45-3	OCTADECANE	C18H38	254.45	
01A201	00111-65-9	N-OCTANE	C8H18	114.27	
01A200		OCTANES	C8H18	114.27	
01BN01	00111-66-0	OCTENE-1	C8H14	98.18	
05AN03	00124-07-2	N-OCTYL ALCOHOL CARYLIC ALCOHOL 1-OCTANOL	C8H18O	130.22	
08A140	00112-80-1	OLEIC ACID CIS-9-OCTADECENOIC ACID	C18H34O2	282.45	
86	07440-10-0	PRASEODYMIUM-FREE AND COMBINED	PR	140.91	
44B900		ORGANOGERMANES			
26		ORGANOPHOSPHOROUS COMPOUNDS			
45B900		ORGANOTIN COMPOUNDS			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		ARYLTIN			
43A300	17181-37-2	ORTHOSILICATE ION	(SIO4)-2	92.05	
65A320	37114-40-2	ORTHOVANADATE ION	(VO4)-4	114.94	
NNN007	07440-04-2	OSMIUM	OS	190.22	
08AN11	00144-62-7	OXALIC ACID ETHANEDIOIC ACID	C2H2O4	90.04	
52A100	07782-44-7	OXYGEN	O2	32.00	
52B		OXYGEN- COMPOUNDS			
52		OXYGEN- FREE AND COMBINED	O	16.00	
52A120	10028-15-6	OZONE TRIATOMIC OXYGEN	O3	47.99	
NNN008	07440-05-2	PALLADIUM	PD	106.42	
08A122	00057-10-3	PALMITIC ACID CETYLIC ACID HEXADECANOIC ACID HEXADECYCLIC ACID	C16H32O2	256.42	
26PN07	00056-38-2	PARATHION DNTP NIRAN	C10H14NO5PS	291.27	H
08AN06	00112-05-0	PELARGONIC ACID NONANOIC ACID	C9H18O2	158.23	
19A060	00087-86-5	PENTACHLOROPHENOL CHLOROPHEN PCP PENTA	C6HCL5O	266.34	P H
01AN13	00629-99-2	PENTACOSANE	C25H52	352.61	
01AN03	00629-62-9	PENTADECANE	C15H32	212.35	
15BN05	000700-2-9	PENTAMETHYLBENZENE	C11H16	148.22	
10AN05	00462-94-2	PENTAMETHYLENEDIAMINE	C5H14N2	102.22	
01A101	00109-66-0	N-PENTANE	C5H12	72.15	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		AMYL HYDRIDE			
01A100		PENTANES	C5H12	72.15	
05B061	06032-29-7	2-PENTANOL SEC AMYL ALCOHOL METHYL PROPYL CARBINOL	C5H12O	88.15	
05A121	00071-41-0	N-PENTANOL 1-PENTANOL	C5H12O	88.15	
05A120		PENTANOLS, (PRIMARY) AMYL ALCOHOLS	C5H12O	88.15	
05B060	26635-63-2	PENTANOLS, (SECONDARY) AMYL ALCOHOLS	C5H12O	88.15	
05C040	00075-85-4	T-PENTANOL T-AMYL ALCOHOL DIMETHYL ETHYL CARBINOL 2-METHYL-2-BUTANOL T-PENTYL ALCOHOL	C5H12O	88.15	
05B062	00584-02-1	3-PENTANOL DIETHYL CARBINOL	C5H12O	88.15	
01B102	00109-68-2	CIS-2-PENTENE CIS-BETA-N-AMYLENE	C5H10	70.14	
01B100		PENTENES AMYLENES	C5H10	70.14	
01B103	00109-68-2	TRANS-2-PENTENE TRANS-BETA-N-AMYLENE	C5H10	70.14	
01B101	00109-67-1	1-PENTENE ALPHA-N-AMYLENE METHYL BUTENE 1-PENTYLENE PROPYLETHYLENE	C5H10	70.14	
57AN01	14797-73-0	PERCHLORATE ION	(CLO4)-1	99.45	
57AN02					
13A140	00075-70-7	PERCHLOROMETHANETHIOL PERCHLOROMETHYL MERCAPTAN	CHCL3S	151.43	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
71A300	14333-13-2	PERMANGANATE ION	(MNO4)-1	118.94	
21C140	00198-55-0	PERYLENE DIBENZ(DE,KL)ANTHRACENE PERI-DINAPHTHALENE	C20H12	252.31	
02P		PESTICIDES			
04P		PESTICIDES			
07P		PESTICIDES			
08P		PESTICIDES			
10P		PESTICIDES			
14P		PESTICIDES			
26P		PESTICIDES			
16P		PESTICIDES (HALOGENATED AROMATIC)			
07BN10	00548-39-0	PHENALEN-1-ONE	C13H8O	180.19	
23B120	00229-87-8	PHENANTHRIDINE 9-AZAPHENANTHRENE BENZO(C)QUINOLINE 3,4-BENZOQUINOLINE	C13H9N	179.22	
24B080	00235-98-3	PHENANTHRO(9,10-B)FURAN	C16H10O	218.26	
18C060		PHENANTHROLS (HYDROXYPHENANTHRENES) HYDROXYPHENANTHRENES	C14H10O	194.24	
21A180	00085-01-8	PHENANTHRENE	C14H10	178.23	P H
05A160	00060-12-8	PHENETHYL ALCOHOL BENZYL CARBINOL BETA-PHENETHYL ALCOHOL 2-PHENYL ETHANOL	C8H10O	122.17	
06AN03	00103-73-1	PHENETOLE ETHYLPHENYLETHER	C8H10O	112.16	
18A020	00108-95-2	PHENOL CARBOLIC ACID HYDROXYBENZENE	C6H6O	94.11	P H

, CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		OXYBENZENE			
		PHENIC ACID			
		PHENYL HYDROXIDE			
		PHENYLIC ACID			
18		PHENOLS			
08AN09	00103-32-2	PHENYLACETIC ACID	$C_8H_8O_2$	136.14	
		BENZENEACETIC ACID			
10CN01	00122-39-4	N-PHENYLBENZENEAMINE	$C_{12}H_{11}N$	169.23	
		DIPHENYLAMINE			
08D180	00093-99-2	PHENYL BENZOATE	$C_{13}H_{10}O_2$	198.21	
		BENZOIC ACID PHENYL ESTER			
10CN03	00108-45-2	M-PHENYLENEDIAMINE	$C_6H_8N_2$	108.14	
10CN02	00095-54-5	O-PHENYLENEDIAMINE	$C_6H_8N_2$	108.14	
05B100	00098-85-1	1-PHENYLETHANOL	$C_8H_{10}O$	122.18	
		ALPHA-METHYLBENZYL ALCOHOL			
		ALPHA-METHYL-ALPHA-HYDROXY TOLUENE			
		METHYLPHENYLCARBINOL			
		ALPHA-PHENETHYL ALCOHOL			
21A060		PHENYLNAPHTHALENE	$C_{16}H_{12}$	204.27	
21A062	00612-94-2	2-PHENYLNAPHTHALENE	$C_{16}H_{12}$	204.27	
21A061	00605-02-7	1-PHENYLNAPHTHALENE	$C_{16}H_{12}$	204.27	
18A103	00580-51-8	M-PHENYLPHENOL	$C_{12}H_{10}O$	170.20	
		3-PHENYLPHENOL			
18A101	00090-43-7	O-PHENYLPHENOL	$C_{12}H_{10}O$	170.20	
		2-PHENYLPHENOL			
18A102	00092-69-3	P-PHENYLPHENOL	$C_{12}H_{10}O$	170.20	
		4-PHENYLPHENOL			
23A081	01008-89-5	2-PHENYLPYRIDINE	$C_{11}H_9N$	155.22	
		ALPHA-PYRIDYLBENZENE			
23A080		PHENYLPYRIDINES	$C_{11}H_9N$	155.22	
23A082	01008-88-4	3-PHENYLPYRIDINE	$C_{11}H_9N$	155.22	
		BETA-PYRIDYL BENZENE			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		BETA-PYRIDYLBENZENE			
23A083	00939-23-1	4-PHENYLPYRIDINE GAMMA-PYRIDYLBENZENE	C11H9N	155.22	
06AN01	00108-73-6	PHLOROGLUCINOL 1,3,5-BENZENETRIOL	C6H6O3	126.11	
07BN13	00504-20-1	PHORONE	C9H14O	138.28	
48A320	14265-44-2	PHOSPHATE ION	(PO4)-3	94.93	
48B100	07803-51-2	PHOSPHINE HYDROGEN PHOSPHIDE	H3P	33.99	
48A300	14901-63-4	PHOSPHITE ION	(PO3)-3	78.94	
48B120	07664-38-2	PHOSPHORIC ACID ORTHOPHOSPHORIC ACID	H3PO4	98.00	H
48B200	01314-80-3	PHOSPHOROUS PENTASULFIDE PHOSPHORIC SULFIDE PHOSPHORUS PERSULFIDE PHOSPHORUS SULFIDE THIOPHOSPHORIC ANHYDRIDE	P2S5	222.27	H
48BN02	01314-56-3	PHOSPHOROUS PENTOXIDE	P2O5	141.94	
48A100	07723-14-0	ELEMENTAL PHOSPHORUS BLACK PHOSPHORUS RED PHOSPHORUS WHITE PHOSPHORUS YELLOW PHOSPHORUS	P	30.97	H
48BN61	10025-87-3	PHOSPHORUS OXYCHLORIDE PHOSPHORUS CHLORIDE PHOSPHORYL CHLORIDE	CL3OP	153.35	H
48BN62	07719-12-2	PHOSPHORUS TRICHLORIDE PHOSPHORUS CHLORIDE	CL3P	137.35	H
48B		PHOSPHORUS- COMPOUNDS			
48	07723-14-0	PHOSPHORUS- FREE AND COMBINED	P	30.97	
48A		PHOSPHORUS- METAL & IONS			
08D280		PHTHALATE ESTERS (MW=194-279)			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
08A200	00088-99-3	PHTHALIC ACID	C8H6O4	166.14	
		1,2-BENZENEDICARBOXYLIC ACID			
		O-PHTHALIC ACID			
21C160	00213-46-7	PICENE	C22H14	278.36	
		1,2-7,8-DIBENZPHENANTHRENE			
		DIBENZ(A,I)PHENANTHRENE			
23A040	01333-41-1	PICOLINES (METHYLPYRIDINES)	C6H7N	93.14	
		METHYL PYRIDINES			
08AN15	00111-16-0	PIMELIC ACID	C7H12O4	160.17	
		HEPTANEDIOIC ACID			
01BN07	01330-16-1	2-PINENE	C10H16	136.23	
		ALPHA-PINENE			
		2,6,6-TRIMETHYLBICYCLO(3.1.1)HEPT-2-ENE			
77A200	22541-31-7	PLATINUM ION	(PT)+4	195.09	
77A100	07440-06-4	PLATINUM METAL	PT	195.09	
77B		PLATINUM- COMPOUNDS			
77	07440-06-4	PLATINUM- FREE AND COMBINED	PT	195.09	
77A		PLATINUM- METAL & IONS			
18A180		POLYALKYL PHENOLS (MW>135)			
16A160		POLYCHLORINATED BENZENES			
16A220		POLYCHLORINATED BIPHENYLS	C12HXCLY		P H
		AROCLORS			
		PCB'S			
		POLYCHLORINATED DIPHENYLS			
29A100	07440-09-7	POTASSIUM	K	39.10	
		KALIUM			
		POTASSIUM METAL			
49BN83	07784-41-0	POTASSIUM ARSENATE	KH2ASO4	180.02	P H
49BN84	10124-50-2	POTASSIUM ARSENITE	HKAS2O4	253.95	P H
		POTASSIUM METAARSENITE			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		POTASSIUM DICHROMATE			
58BN02	07758-02-3	POTASSIUM BROMIDE	KBR	119.01	
57BN85	07447-40-7	POTASSIUM CHLORIDE	KCL	74.56	
68BN85	07789-00-6	POTASSIUM CHROMATE	K2CRO4	194.20	P H
47B820	00151-50-8	POTASSIUM CYANIDE	KCN	65.12	H
56BN83	07789-23-3	POTASSIUM FLUORIDE	KF	58.10	
29B100	01310-58-3	POTASSIUM HYDROXIDE CAUSTIC LYE CAUSTIC POTASH POTASH POTASSA POTASSIUM HYDRATE	KOH	56.11	H
59BN02	07681-11-0	POTASSIUM IODIDE	KI	166.01	
29A200	24203-36-9	POTASSIUM ION	(K)+1	39.10	
72B800		POTASSIUM IRON SILICATES	FEKO6SI2	247.07	
71BN81	07722-64-7	POTASSIUM PERMANGANATE CHAMELEON MINERAL	KMNO4	158.03	H
29B		POTASSIUM- COMPOUNDS			
29	07440-09-7	POTASSIUM- FREE AND COMBINED KALIUM	K	39.10	
29A		POTASSIUM- METAL & IONS			
86A100	07440-10-0	PRASEODYMIUM	PR	140.91	
86A200	22541-14-6	PRASEODYMIUM ION	(PR)+3	140.91	
86B		PRASEODYMIUM- COMPOUNDS			
86A		PRASEODYMIUM-METAL AND IONS			
05A		PRIMARY ALCOHOLS			
10A		PRIMARY ALIPHATIC AMINES, DIAMINES			
01AN24	01921-70-6	PRISTANE	C19H40	268.51	

, CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		2,6,10,14-TETRAMETHYLPENTADECANE			
01A060	00074-98-6	PROPANE	C3H8	44.09	
		DIMETHYLMETHANE			
13A060		PROPANETHIOLS	C3H8S	76.17	
13A061	00107-03-9	PROPANE-1-THIOL	C3H8S	76.17	
		1-MERCAPTOPROPANOL			
		1-PROPANETHIOL			
		PROPYLMERCAPTAN			
13A062	00075-33-2	PROPANE-2-THIOL	C3H8S	76.17	
		ISOPROPYLMERCAPTAN			
		2-PROPANETHIOL			
05B020	00067-63-0	2-PROPANOL	C3H8O	60.09	
		2-HYDROXYPROPANE			
		ISOPROPYL ALCOHOL			
		RUBBING ALCOHOL			
10A120	25154-49-8	PROPANOLAMINES	C3H9NO	75.11	
05A060	00071-23-8	1-PROPANOL	C3H8O	60.09	
		1-HYDROXYPROPANE			
		N-PROPYL ALCOHOL			
08B060	00057-57-8	BETA-PROPIOLACTONE	C3H4O2	72.06	
		BETAPRONE			
		BPL			
		HYDRACRYLIC ACID-BETA-LACTONE			
		3-HYDROXY PROPIONIC ACID LACTONE			
		2-OXETANONE			
		PROPANOIC ACID-3-HYDROXY LACTONE			
		PROPANOLIDE			
		BETA-PROPIONO LACTONE			
07A080	00123-38-6	PROPIONALDEHYDE	C3H6O	58.08	
		PROPALDEHYDE			
		PROPANAL			
		PROPYL ALDEHYDE			
08EN03	00123-62-6	PROPIONIC ANHYDRIDE	C6H10O3	130.14	H
		METHYLACETIC ANHYDRIDE			
		PROPANOIC ANHYDRIDE			
08AN01	00079-09-4	PROPIONIC ACID	C3H6O2	74.08	H
		BUTANOIC ACID			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		ETHYLFORMIC ACID			
		METHYLACETIC ACID			
		PROPANOIC ACID			
08D101	00109-60-4	N-PROPYL ACETATE	C5H10O2	102.13	
08D100		PROPYL ACETATES	C5H10O2	102.13	
15A100	00103-65-1	PROPYL BENZENE	C9H12	120.20	
		PHENYL PROPANE			
		1-PHENYL PROPANE			
21B10A		N-PROPYL BENZO(C)PHENANTHRENE	C21H18	270.39	
01B040	00115-07-1	PROPYLENE	C3H6	42.12	
		PROPANE			
03AN06	00075-56-9	PROPYLENE OXIDE	C3H6O	58.08	H
		PROPENE OXIDE			
06A040	00057-55-6	PROPYLENE GLYCOL	C3H8O2	76.11	
		1,2-DIHYDROXYPROPANE			
		METHYLETHYLENE GLYCOL			
		METHYL GLYCOL			
		1,2-PROPANEDIOL			
23A064	01122-81-2	4-N-PROPYLPYRIDINE	C8H11N	121.18	
01C040	00074-99-7	PROPYNE	C3H4	40.07	
		METHYLACETYLENE			
		PROPINE			
NNN009	07440-13-3	PROTACTINIUM	PA	231.04	
21B180	00129-00-0	PYRENE	C16H10	202.26	P H
		BENZO(DEF)PHENANTHRENE			
08PN01	00121-29-9	PYRETHRIN I	C21H28O3	328.45	
08PN02	00121-21-1	PYRETHRIN II	C22H28O5	372.46	
23A020	00110-86-1	PYRIDINE	C5H5N	79.10	
		AZABENZENE			
		AZINE			
23A		PYRIDINE, SUBSTITUTED PYRIDINES			
72B240	01309-36-0	PYRITE	FES2	119.98	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		IRON DISULFIDE IRON PYRITE IRON SULFIDE			
23C020	00109-97-7	PYRROLE 1-AZA-2,4-CYCLOPENTADIENE AZOLE DIVINYLENEIMINE	C4H5N	67.09	
23C		PYRROLE, FUSED RING PYRROLE DERIVATIVES			
23B021	00091-22-5	QUINOLINE 1-BENZAZINE BENZO(B)PYRIDINE CHINOLINE	C9H7N	129.16	
23B020		QUINOLINES	C9H7N	129.16	H
NNN010	07440-14-4	RADIUM	RA	226.03	
NNN011	07440-15-5	RHENIUM	RE	186.21	
75A100	07440-16-6	RHODIUM	RH	102.91	
75A200	16065-89-7	RHODIUM (III) ION	(RH)+3	102.91	
75B		RHODIUM- COMPOUNDS			
75	07440-16-6	RHODIUM- FREE AND COMBINED	RH	102.91	
75A		RHODIUM- METAL & IONS			
53A100	07704-34-9	SULFUR FLOWERS OF SULFUR RHOMBIC SULFUR SULFUR FLOWERS	S8	256.51	
16A		RING SUBSTITUTED AROMATICS			
30A100	07440-17-7	RUBIDIUM RUBIDIUM METAL	RB	85.47	
30A200	22537-38-8	RUBIDIUM ION	(RB)+1	85.47	
30B		RUBIDIUM- COMPOUNDS			
30	07440-17-7	RUBIDIUM- FREE AND COMBINED	RB	85.47	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
30A		RUBIDIUM- METAL & IONS			
73A100	07440-18-8	RUTHENIUM	RU	101.07	
73A200	22541-88-4	RUTHENIUM (III) ION	(RU)+3	101.07	
73B		RUTHENIUM- COMPOUNDS			
73	07440-18-8	RUTHENIUM- FREE AND COMBINED	RU	101.07	
73A		RUTHENIUM- METAL & IONS			
88A100	07440-19-9	SAMARIUM	SM	150.35	
88A200	22541-17-9	SAMARIUM ION	(SM)+3	150.35	
88B		SAMARIUM-COMPOUNDS			
88	07440-19-9	SAMARIUM-FREE AND COMBINED	SM	150.35	
88A		SAMARIUM-METAL AND IONS			
02A		SATURATED ALKYL HALIDES			
08A100		SATURATED LONG CHAIN ACIDS (MW=116-201)	CXH2XO2		
60A100	07440-20-2	SCANDIUM EKABORON SCANDIUM METAL	SC	44.96	
60A200	22537-29-7	SCANDIUM ION	(SC)+3	44.96	
60B		SCANDIUM- COMPOUNDS			
60	07440-20-2	SCANDIUM- FREE AND COMBINED	SC	44.96	
60A		SCANDIUM- METAL & IONS			
08AN18	00111-20-6	SEBACIC ACID DECANEDIOIC ACID	C10H18O4	202.24	
05B		SECONDARY ALCOHOLS			
10B		SECONDARY ALIPHATIC AMINES			
54A320	14124-68-6	SELENATE ION	(SEO4)-2	142.96	
54A200	16050-74-1	SELENIDE ION	(SE)-1	78.96	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
54A300	14124-67-5	SELENITE ION	(SEO3)-2	126.96	
54A100	07782-49-2	SELENIUM	SE	78.96	P H
54B120	07446-08-4	SELENIUM DIOXIDE SELENIUM OXIDE SELENOUS ANHYDRIDE	SEO2	110.96	H
54B		SELENIUM- COMPOUNDS			
54	07782-49-2	SELENIUM- FREE AND COMBINED	SE	78.96	
54A		SELENIUM- METAL & IONS			
43B100	07803-62-5	SILANE MONOSILANE SILICANE SILICON TETRAHYDRIDE	SIH4	32.12	
43A100	07440-21-3	SILICON	SI	28.09	
43B400	00409-21-2	SILICON CARBIDE	SIC	40.10	
43B120	07631-86-9	SILICON DIOXIDE CRISTOBALITE QUARTZ SILICA SILICIC ANHYDRIDE	SIO2	60.08	
43B200	13759-10-9	SILICON DISULFIDE	SIS2	92.21	
43BN91		SILICONES ORGANOSILICON OXIDE POLYMER POLY(ORGANOSILOXANES)	SIRO2		
43B		SILICON- COMPOUNDS			
43A		SILICON- ELEMENTAL AND IONIC			
43	07440-21-3	SILICON- FREE AND COMBINED	SI	28.09	
79A100	07440-22-4	SILVER ARGENTUM	AG	107.87	P H
79B600	07783-90-6	SILVER CHLORIDE CERARGYRITE	AGCL	143.42	P H

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
79B300	00506-64-9	SILVER CYANIDE	AGCN	133.84	P H
79A200	14701-21-4	SILVER ION	(AG)+1	107.87	P H
79BN31	07761-88-8	SILVER NITRATE	AGNO3	169.89	P H
		LUNAR CAUSTIC			
		NITRIC ACID SILVER			
79B200	21548-73-2	SILVER SULFIDE	AG2S	247.82	P H
		ACANTHITE			
		ARGENTITE			
79B		SILVER- COMPOUNDS			P H
79	07440-22-4	SILVER- FREE AND COMBINED	AG	107.87	P H
79A		SILVER- METAL & IONS			P H
17A		SIMPLE AROMATIC NITRO COMPOUNDS			
28A100	07440-23-5	SODIUM	NA	22.99	H
		NATRIUM			
		SODIUM METAL			
49BN85	07631-89-2	SODIUM ARSENATE	NA2HASO4	185.91	P H
		DISODIUM ARSENATE			
49BN86	12002-03-8	CUPRIC ACETOARSENITE	C4H6AS6CU4O16	1013.71	P H
		COPPER ACETATE ARSENITE			
		COPPER ACETOARSENITE			
		PARIS GREEN			
49BN87	07784-46-5	SODIUM ARSENITE	NAASO2	129.91	P H
		SODIUM METAARSENATE			
68BN86	10588-01-9	SODIUM BICHROMATE	NA2CR2O7	261.96	P H
		SODIUM DICHROMATE			
56BN82	01333-83-1	SODIUM BIFLUORIDE	NAHF2	62.01	H
53BN81	07631-90-5	SODIUM BISULFITE	NAHSO3	104.07	H
		SODIUM ACID SULFITE			
		SODIUM HYDROGEN SULFITE			
58BN01	07647-15-6	SODIUM BROMIDE	NABR	102.90	
57BN84	07647-14-5	SODIUM CHLORIDE	NACL	58.44	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
68BN87	07775-11-3	SODIUM CHROMATE	NA2CRO4	161.97	P H
47B800	00143-33-9	SODIUM CYANIDE	NACN	49.01	H
68BN81	10588-01-9	SODIUM DICHROMATE	NACR2O7	261.96	P H
14AN04	25155-30-0	SODIUM DODECYLBENZENESULFONATE	C18H29NAO3S	348.49	H
56BN81	07681-49-4	SODIUM FLUORIDE	NAF	41.99	
56BN84	16893-85-9	SODIUM FLUOROSILICATE	NA2SIF6	188.06	
53BN82	16721-80-5	SODIUM HYDROSULFIDE SODIUM HYDROGEN SULFIDE SODIUM SULFIDE	HNAS	56.06	H
28B100	01310-73-2	SODIUM HYDROXIDE CAUSTIC FLAKE CAUSTIC SODA LIQUID CAUSTIC LYE SODA LYE SODIUM HYDRATE WHITE CAUSTIC	NAOH	40.00	H
57BN83	07681-52-9	SODIUM HYPOCHLORITE BLEACH	NAOCL	74.44	H
59BN01	07681-82-5	SODIUM IODIDE	NAI	149.89	
28A200	17341-25-2	SODIUM ION	(NA)+1	22.99	
28BN41	00124-41-4	SODIUM METHYLATE SODIUM METHOXIDE	NAOCH3	54.03	H
47BN81	07632-00-0	SODIUM NITRITE	NANO2	69.00	H
48BN81	07558-79-4	SODIUM PHOSPHATE, DIBASIC PHOSPHORIC ACID, DISODIUM SALT	H3NA2O4P	143.97	H
48BN82	07785-84-4	SODIUM PHOSPHATE, TRIBASIC	NA3O4P	163.94	H
54BN81	10102-16-8	SODIUM SELENITE	NA2SEO3	172.95	H
37B800	01344-90-7	SODIUM TETRABORATE BORAX	NA2B4O7	201.50	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
28B		SODIUM- COMPOUNDS			
28	07440-23-5	SODIUM- FREE AND COMBINED NATRIUM	NA	22.99	
28A		SODIUM- METAL & IONS			
08A123	00057-11-4	STEARIC ACID OCTADECANOIC ACID	C18H36O2	284.47	
07BN07	00504-53-0	STEARONE DIHEPTADECYLKETONE 18-PENTATRIACONTANONE	C35H70O	506.95	
05AN08	00112-92-5	STEARYL ALCOHOL OCTADECYL ALCOHOL	C18H38O	270.44	
50B100	07803-52-3	STIBINE ANTIMONY HYDRIDE ANTIMONY TRIHYDRIDE	H3SB	124.77	P H
15AN04	00588-59-0	STILBENE	C15H13	181.23	
35A100	07440-24-6	STRONTIUM STRONTIUM METAL		87.62	
68BN88	07789-06-2	STRONTIUM CHROMATE	SRCRO4	203.64	P H
35B600	07783-48-4	STRONTIUM FLUORIDE	SRF2	125.62	
35A200	22537-39-9	STRONTIUM ION	(SR)+2	87.62	
35B200	07759-02-6	STRONTIUM SULFATE	SRSO4	183.68	
35B		STRONTIUM- COMPOUNDS			
35	07440-24-6	STRONTIUM- FREE AND COMBINED	SR	87.62	
35A		STRONTIUM- METAL & IONS			
10PN02	00057-24-9	STRYCHNINE	C21H22N2O2	334.40	H
15A080	00100-42-5	STYRENE CINNAMENE CINNAMOL ETHENYLEBENZENE PHENYLETHYLENE STYROL	C8H8	104.16	H

· CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		STYROLENE			
		VINYL BENZENE			
08AN16	00505-48-6	SUBERIC ACID	C8H14O4	174.19	
		OCTANEDIOIC ACID			
08AN13	00110-15-6	SUCCINIC ACID	C4H6O4	118.09	
		BUTANEDIOIC ACID			
53A300	14265-45-3	SULFITE ION	(SO3)-2	80.06	
53		SULFUR-FREE AND COMBINED	S	32.06	
53A		SULFUR-ELEMENTAL AND IONIC			
		SULFUR- ELEMENTAL AND IONIC			
53B		SULFUR COMPOUNDS			
53A200	18200-83-4	SULFIDE ION	(S)-2	32.06	
13B		SULFIDES, DISULFIDES			
53A320	14808-79-8	SULFATE ION	(SO4)-2	96.06	
14A		SULFONIC ACIDS AND ESTERS			
14		SULFONIC ACIDS AND ESTERS, SULFOXIDES			
14B		SULFOXIDES			
53B600	10545-99-0	SULFUR DICHLORIDE	SCL2	102.97	
		DICHLORIDE OF SULFUR			
53B120	07446-09-5	SULFUR DIOXIDE	SO2	64.06	
		SULFUROUS ACID ANHYDRIDE			
		SULFUROUS ANHYDRIDE			
		SULFUROUS OXIDE			
		SULPHUR OXIDE			
56BN21	02551-62-4	SULFUR HEXAFLUORIDE	SF6	146.05	
53B140	07446-11-9	SULFUR TRIOXIDE	SO3	80.06	
		SULFURIC ANHYDRIDE			
		SULFURIC OXIDE			
53B160	07664-93-9	SULFURIC ACID	H2SO4	98.08	H
		DIPPING ACID			
		OIL OF VITRIOL			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		OLEUM			
53BN61	12771-08-3	SULFURMONOCHLORIDE SULFUR CHLORIDE	S2CL2	135.03	H
67A100	07440-25-7	TANTALUM	TA	180.95	
67A200	16044-71-6	TANTALUM ION	(TA)+5	180.94	
67B100	01314-61-0	TANTALUM OXIDE TANTALIC ACID ANHYDRIDE	TA2O5	441.89	
67B		TANTALUM- COMPOUNDS			
67	07440-25-7	TANTALUM- FREE AND COMBINED	TA	180.95	
67A		TANTALUM- METAL & IONS			
55A300	15852-22-9	TELLURITE ION	(TEO3)-2	175.60	
55A320	15845-23-5	TELLURATE ION	(TEO4)-2	191.60	
55A200	16050-77-4	TELLURIDE ION	(TE)-2	127.62	
55B		TELLURIUM- COMPOUNDS			
55	13494-80-9	TELLURIUM- FREE AND COMBINED	TE	127.60	
55A		TELLURIUM- METAL & IONS			
91A100	07440-27-9	TERBIUM	TB	158.93	
91A200	22541-20-4	TERBIUM ION	(TB)+3	158.93	
91	07440-27-9	TERBIUM-FREE AND COMBINED	TB	158.93	
91A		TERBIUM-METAL AND IONS			
15B162	00092-06-8	M-TERPHENYL 1,3-DIPHENYLBENZENE	C18H14	230.31	
15B161	00084-15-1	O-TERPHENYL 1,2-DIPHENYLBENZENE	C18H14	230.31	
15B163	00092-94-4	P-TERPHENYL 1,4-DIPHENYLBENZENE	C18H14	230.31	
15B160		TERPHENYLS	C18H14	230.31	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
05C060	00098-55-5	ALPHA-TERPINEOL P-MENTH-1-EN-8-OL ALPHA,ALPHA,4-TRIMETHYL-3-CYCLOHEXENE-1-METHANOL	C10H18O	154.25	
05C		TERTIARY ALCOHOLS			
10D		TERTIARY AMINES (ALKYL, ARYL)			
07C020	00632-21-3	TETRACHLOROACETONE 1,1,3,3-TETRACHLORO-2-PROPANONE	C3H2CL4O	195.86	
02A300	00079-34-5	1,1,2,2,TETRACHLOROETHANE ACETYLENE TETRACHLORIDE	C2H2CL4	167.86	P H
02B080	00127-18-4	TETRACHLOROETHENE ETHYLENE TETRACHLORIDE PERCHLOROETHYLENE TETRACHLOROETHYLENE	C2CL4	165.83	P H
01AN12	00646-31-1	TETRACOSANE	C24H50	338.59	
01AN02	00629-59-4	TETRADECANE	C14H30	198.33	
06AN05	21129-09-9	1,2-TETRADELANEDIOL	C14H30O2	230.39	
26AN01	00107-49-3	TETRAETHYL PYROPHOSPHATE TEPP	C8H20O7P2	290.20	H
46B920	00078-00-2	TETRAETHYLLEAD LEAD TETRAETHYL TEL TETRAETHYLPLUMBANE	C8H20PB	323.45	P H
03A060	00109-99-9	TETRAHYDROFURAN CYCLOTETRAMETHYLENE OXIDE 1,4-EPOXYBUTANE	C4H8O	72.12	
15B120	00119-64-2	TETRAHYDRONAPHTHALENE TETRALIN TETRALINE	C10H12	132.22	
15B200	25619-60-7	TETRAMETHYLBENZENES	C10H14	134.22	
15B201	00488-23-3	1,2,3,4-TETRAMETHYLBENZENE PREHNITENE	C10H14	134.22	
15B202	00527-53-7	1,2,3,5-TETRAMETHYLBENZENE	C10H14	134.22	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		ISODURENE			
15B203	00095-93-2	1,2,4,5-TETRAMETHYLBENZENE DURENE	C10H14	134.22	
10AN04	00110-60-1	TETRAMETHYLENEDIAMINE	C4H12N2	88.22	
46B900	00075-74-1	TETRAMETHYLLEAD TETRAMETHYLPLUMBANE	C4H12PB	267.35	P H
23A146	20820-82-0	2,3,4,6-TETRAMETHYLPYRIDINE BETA-PARVALONE	C9H13N	135.21	
09A120	03333-52-6	TETRAMETHYLSUCCINONITRILE TMSN TSN	C8H12N2	136.22	
15AN03	00630-76-2	TETRAPHENYLMETHANE	C25H20	320.39	
41A100	07440-28-0	THALLIUM	TL	204.37	
41BN21	10031-59-1	THALLIUM SULFATE	TL2SO4	504.85	H
41A220	14627-67-9	THALLIUM (III) ION THALLIC	(TL)+3	204.37	
41A200	22537-56-0	THALLIUM (I) ION THALLOUS	(TL)+1	204.37	
41B		THALLIUM- COMPOUNDS			
41	07440-28-0	THALLIUM- FREE AND COMBINED	TL	204.37	
41A		THALLIUM- METAL & IONS			
47A380		THIOCYANATE ION	(SCN)-1	58.08	
08BN13	00068-11-1	THIOGLYCOLIC ACID MERCAPTOACETIC ACID	C2H4O2S	92.12	
13A		THIOLS			
13		THIOLS, SULFIDES, DISULFIDES			
25A020	00110-02-1	THIOPHENE THIOFURAN	C4H4S	84.14	
53AN01	14383-50-7	THOISULFATE ION	(S2O3)-2	112.11	

. CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
98A100	07440-29-1	THORIUM THORIUM METAL	TH	232.04	
98A200	16065-92-2	THORIUM ION	(TH)+4	232.04	
98B		THORIUM-COMPOUNDS			
98	07440-29-1	THORIUM-FREE AND COMBINED	TH	232.04	
98A		THORIUM-METAL AND IONS			
95A100	07440-30-4	THULIUM	TM	168.93	
95A200	22541-23-7	THULIUM ION	(TM)+3	168.93	
95B		THULIUM-COMPOUNDS			
95	07440-30-4	THULIUM-FREE AND COMBINED	TM	168.93	
95A		THULIUM-METAL AND IONS			
45A100	07440-31-5	TIN	SN	118.69	
45A220	22537-50-4	TIN (IV) ION STANNIC	(SN)+4	118.69	
45B		TIN- COMPOUNDS			
45	07440-31-5	TIN- FREE AND COMBINED	SN	118.69	
45A		TIN- METAL & IONS			
45A200	22541-90-8	TIN(II) ION STANNOUS	(SN)+2	118.69	
45B100	18282-10-5	TIN(IV)OXIDE FLOWERS OF TIN STANNIC ANHYDRIDE STANNIC OXIDE WHITE TIN OXIDE	SNO2	150.69	
62A100	07440-32-6	TITANIUM TITANIUM METAL	TI	47.90	
62B100	13463-67-7	TITANIUM DIOXIDE ANATASE TITANIUM DIOXIDE	TIO2	79.90	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		RUTILE TITANIUM DIOXIDE			
62A200	22541-75-9	TITANIUM (III) ION TITANOUS	(TI)+3	47.90	
62A220	16043-45-1	TITANIUM (IV) ION TITANIC	(TI)+4	47.90	
62B		TITANIUM- COMPOUNDS			
62	07440-32-6	TITANIUM- FREE AND COMBINED	TI	47.90	
62A		TITANIUM- METAL & IONS			
15A040	00108-88-3	TOLUENE METHACIDE METHYLBENZENE PHENYLMETHANE TOLUOL	C7H8	92.13	P H
02PN02	08001-35-2	TOXAPHENE CAMPHECHLOR CHLORINATED CAMPHENE	C10H10CL8	413.80	P H
21DN01	00215-26-9	TRIBENZO(A,C,H)ANTHRACENE	C26H16	328.37	
22D040	00548-35-6	TRIBENZYLENE BENZENE TRUXENE	C27H18	342.44	
50B920		TRIBUTYL STIBINE	C12H27SB	293.10	P H
26PN10	00052-68-6	TRICHLORFON DIPTEREX DYLOX	C4H8CL3O4P	257.45	H
08BN07	00076-03-9	TRICHLOROACETIC ACID	C2HCL3O2	163.39	
16A161	00120-82-1	1,2,4-TRICHLOROBENZENE UNSYM-TRICHLOROBENZENE	C6H3CL3	181.45	P H
02A280	00071-55-6	1,1,1-TRICHLOROETHANE CHLOROTHEN CHLORTEN METHYL CHLOROFORM	C2H3CL3	133.41	P H
02A290	25323-89-1	1,1,2-TRICHLOROETHANE BETA-TRICHLOROETHANE VINYL TRICHLORIDE	C2H3CL3	133.41	P H

. CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
02B070	00079-01-6	TRICHLOROETHYLENE ETHYLENETRICHLORIDE	C2HCL3	131.40	
02A220	00075-69-4	TRICHLOROFLUOROMETHANE FLUOROTRICHLOROMETHANE FREON 11 FREON II TRICHLOROMONOFLUOROMETHANE	CCL3F	137.38	P H
19A050	00088-06-2	2,4,6-TRICHLOROPHENOL COLLUNOSOL DOWICIDE 2 OR 25 OMAL PENACHLOR	C6H3CL30	197.44	P H
04CN01	00093-76-5	2,4,5-TRICHLOROPHENOXY ACETIC ACID 2,4,5-T ACID	C8H5CL303	255.49	H
02AN11	00076-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	C2CL3F3	187.38	
01AN19	00638-67-5	TRICOSANE	C23H48	324.56	
01AN01	00629-50-5	TRIDECANE	C13H28	184.31	
10DN02	00102-71-6	TRIETHANOLAMINE	C6H15NO3	149.19	
14AN06	27323-41-7	TRIETHANOLAMINE DODECYLBENZENESULFONATE	C24H45NO6S	475.68	H
50B900		TRIETHYL ANTIMONY	C6H15SB	208.94	P H
10DN04	00121-44-8	TRIETHYLAMINE	C6H15N	101.19	H
15BN07	00120-25-0	1,3,5-TRIETHYLBENZENE	C12H18	156.20	
26A020	00078-40-0	TRIETHYL PHOSPHATE ETHYL PHOSPHATE	C6H15O4P	82.16	
18B080	00087-66-1	1,2,3-TRIHYDROXYBENZENE 1,2,3-BENZENETRIOL PYROGALLIC ACID PYROGALLOL	C6H6O3	126.11	
25A080		TRIMETHYL AND TETRAMETHYL THIOPHENES	C7H10S	126.22	
49B900		TRIMETHYL ARSINE	ASC3H9	120.04	P H
[illegible]	[illegible]	TRIMETHYLACETIC ACID	C5H10O2	106.15	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
10DN05	00075-50-3	TRIMETHYLAMINE TMA	C3H9N	59.11	H
15B180		TRIMETHYLBENZENES	C9H12	120.20	
15B181	00526-73-8	1,2,3-TRIMETHYLBENZENE HEMIMELLITENE	C9H12	120.20	
15B182	00095-63-6	1,2,4-TRIMETHYLBENZENE PSEUDOCUMENE	C9H12	120.20	
15B183	00108-67-8	1,3,5-TRIMETHYLBENZENE MESITYLENE	C9H12	120.20	
10AN03	00109-76-2	TRIMETHYLENEDIAMINE	C3H10N2	74.22	
01BN04		3,4,4-TRIMETHYL-2-HEXENE	C9H18	126.24	
18A181	00527-60-6	2,4,6-TRIMETHYL PHENOL MESITOL	C9H12O	136.20	
25A081	01795-05-7	2,3,5-TRIMETHYLTHIOPHENE	C7H10S	126.22	
20A120	00088-89-1	2,4,6-TRINITROPHENOL PICRIC ACID	C6H3N3O7	229.11	
10DN01	00603-34-9	TRIPHENYLAMINE	C18H15N	245.33	
15BN08	00612-71-5	1,3,5-TRIPHENYLBENZENE	C24H18	306.37	
21B160	00217-59-4	TRIPHENYLENE 9,10-BENZOPHENANTHRENE 1,2-3,4-DIBENZNAPHTHALENE	C18H12	228.28	
15AN02	00519-73-3	TRIPHENYLMETHANE	C19H16	244.32	
26B020	00115-86-6	TRIPHENYL PHOSPHATE	C18H15O4P	326.28	
10DN03	03424-21-3	TRI-N-PROPYLAMINE	C9H21N	143.22	
26B042	00563-04-2	TRI-M-TOLYL PHOSPHATE	C21H21O4P	368.36	
26B041	00078-30-8	TRI-O-TOLYL PHOSPHATE TRI-O-CRESYL-PHOSPHATE TRIORTHOCRESOL PHOSPHATE	C21H21O4P	368.36	
26B043	00078-32-0	TRI-P-TOLYL PHOSPHATE	C21H21O4P	368.36	

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
26B040	01330-78-5	TRITOLYL PHOSPHATES TRI-CRESOL PHOSPHATE	C21H21O4P	368.36	
70A100	07440-33-7	TUNGSTEN WOLFRAM	W	183.85	
70B200	12138-09-9	TUNGSTEN DISULFIDE TUNGSTENITE	WS2	247.98	
70B100	01314-35-8	TUNGSTEN TRIOXIDE TUNGSTEN ANHYDRIDE TUNGSTEN BLUE TUNGSTEN OXIDE TUNGSTIC ANHYDRIDE TUNGSTIC OXIDE	WO3	231.85	
70A220	22541-99-7	TUNGSTEN (III) ION	(W)+3	183.85	
70A240	22541-98-6	TUNGSTEN (IV) ION	(W)+4	183.85	
70A200	22541-27-1	TUNGSTEN (II) ION	(W)+2	183.85	
70A260	22541-97-5	TUNGSTEN (V) ION			
70A300	14311-52-5	TUNGSTENATE ION	(WO4)-2	183.85	
70B		TUNGSTEN- COMPOUNDS			
70	07440-33-7	TUNGSTEN- FREE AND COMBINED	W	183.85	
70A		TUNGSTEN- METAL & IONS			
01A242	01120-21-4	N-UNDECANE HENDECANE	C11H24	156.32	
02B		UNSATURATED ALKYL HALIDES			
99A100	07440-61-1	URANIUM URANIUM METAL	U	238.03	
99A200	22541-40-8	URANIUM ION	(U)+6	238.03	
99B		URANIUM- COMPOUNDS			
99	07440-61-1	URANIUM-FREE AND COMBINED	U	238.03	
99A		URANIUM-METAL AND IONS			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
99BN41	00541-09-3	URANYL ACETATE	C4H6O6U	388.15	H
99BN31	10102-06-4	URANYL NITRATE	N2O8U	394.04	H
08A080	00109-52-4	VALERIC ACID BUTANECARBOXYLIC ACID BUTANECARBOXYLIC ACID METHACRYLIC ACID METHYL ESTER METHYL ALPHA-METHACRYLATE METHYL METHYLACRYLATE 2-METHYL METHYL ESTER PENTANOIC ACID PROPYLACETIC ACID VALERIANIC ACID	C5H10O2	102.13	
65A100	07440-62-2	VANADIUM	V	50.94	
65B400		VANADIUM CARBIDE	VC	62.95	
65B200	12166-27-7	VANADIUM SULFIDE	VS	83.01	
65B100	12035-98-2	VANADIUM MONOXIDE	VO	66.94	
65B300	24646-85-3	VANADIUM NITRIDE	VN	64.95	
65B160	01314-62-1	VANADIUM PENTOXIDE VANADIC ACID ANHYDRIDE VANADIC ANHYDRIDE VANADIUM PENTAOXIDE	V2O5	181.88	H
65B140	12036-73-6	VANADIUM TETRAOXIDE VANADIC OXIDE VANADIUM SESQUIOXIDE	V2O4	165.88	
65A200	22541-77-1	VANADIUM (III) ION VANADIC	(V)+3	50.94	
65B		VANADIUM- COMPOUNDS			
65	07440-62-2	VANADIUM- FREE AND COMBINED	V	50.94	
65A		VANADIUM- METAL & IONS			
65A300	20644-97-7	VANADYL ION	(VO)+2	66.94	
65B220	27774-13-6	VANADYL SULFATE	VO12S3	357.48	H

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
65A360		VANADYLIC ION	(VO)+3	66.94	
65B120	01314-34-7	VANADIUM TRIOXIDE VANADIC OXIDE VANADIUM OXIDE	V2O3	149.88	
08DN01	00108-05-4	VINYL ACETATE ACETIC ACID ETHYLENE ETHER	C4H6O2	86.09	H
08AN08	00625-38-7	VINYLACETIC ACID	C4H6O2	86.08	
02B020	00075-01-4	VINYL CHLORIDE (CHLOROETHYLENE) CHLOROETHENE CHLOROETHYLENE	C2H3CL	62.50	P H
52BN01	07732-18-5	WATER	H2O	47.99	
70B800	07439-96-5	WOLFRAMITE MINERAL	FEWO4.MNO4	606.48	
07BN15	00090-47-1	XANTHEN-9-ONE XANTHONE	C13H8O2	196.21	
NNN012	07440-63-3	XENON	XE	131.32	
15B082	00108-38-3	M-XYLENE	C8H10	106.17	H
15B081	00095-47-6	O-XYLENE	C8H10	106.17	H
15B083	00106-42-3	P-XYLENE	C8H10	106.17	H
15B080	01330-20-7	XYLENES DIMETHYLBENZENE XYLOL	C8H10	106.17	H
18A140	01300-71-6	XYLENOLS (DIMETHYL PHENOLS) DIMETHYLHYDROXYBENZENES DIMETHYLPHENOLS	C8H10O	122.17	P H
18A141	00526-75-0	2,3-XYLENOL 1,2-DIMETHYL-3-HYDROXY BENZENE 2,3-DIMETHYLPHENOL	C8H10O	122.17	
18A142	00105-67-9	2,4-XYLENOL 2,4-DIMETHYL-1-HYDROXY BENZENE 2,4-DIMETHYLPHENOL	C8H10O	122.17	P H

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
		1,4-DIMETHYL-2-HYDROXY BENZENE 2,5-DIMETHYLPHENOL			
18A144	00576-26-1	2,6-XYLENOL 1,3-DIMETHYL-2-HYDROXY BENZENE 2,6-DIMETHYLPHENOL	C8H10O	122.17	
18A146	00095-65-8	3,4-XYLENOL 1,2-DIMETHYL-4-HYDROXY BENZENE 3,4-DIMETHYLPHENOL	C8H10O	122.17	
18A145	00108-68-9	3,5-XYLENOL 1,3-DIMETHYL-5-HYDROXY BENZENE 3,5-DIMETHYLPHENOL	C8H10O	122.17	
10C061	00087-59-2	2,3-XYLIDINE 1-AMINO-2,3-DIMETHYL BENZENE 2,3-DIMETHYL ANILINE	C8H11N	121.18	
10C062	00095-68-1	2,4-XYLIDINE 1-AMINO-2,4-DIMETHYL BENZENE 2,4-DIMETHYL ANILINE	C8H11N	121.18	
10C063	00095-78-3	2,5-XYLIDINE 2-AMINO-1,4-DIMETHYL BENZENE 2,5-DIMETHYLANILINE	C8H11N	121.18	
10C064	00087-62-7	2,6-XYLIDINE 2-AMINO-1,3-DIMETHYL BENZENE 2,6-DIMETHYL ANILINE	C8H11N	121.18	
10C065	00095-64-7	3,4-XYLIDINE 4-AMINO-1,2-DIMETHYL BENZENE 3,4-DIMETHYL ANILINE	C8H11N	121.18	
10C066	00108-69-0	3,5-XYLIDINE 1-AMINO-3,5-DIMETHYL BENZENE 3,5-DIMETHYL ANILINE	C8H11N	121.18	
96A100	07440-64-4	YTTERBIUM	YB	173.04	
96A200	18923-27-8	YTTERBIUM ION	(YB)+3	173.04	
96B		YTTERBIUM-COMPOUNDS			
96	07440-64-4	YTTERBIUM-FREE AND COMBINED	YB	173.04	
96A		YTTERBIUM-METAL AND IONS			

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
61A100	07440-65-5	YTTRIUM YTTRIUM METAL	Y	88.91	
61A200	22537-40-2	YTTRIUM ION	(Y)+3	88.91	
61B		YTTRIUM- COMPOUNDS			
61	07440-65-5	YTTRIUM- FREE AND COMBINED	Y	88.91	
61A		YTTRIUM- METAL & IONS			
81A100	07740-66-6	ZINC	ZN	65.37	P H
81BN41	00557-34-6	ZINC ACETATE	ZNC4H6O4	183.46	H
81BN83	14639-97-5	ZINC AMMONIUM CHLORIDE	ZNN2H8CL4	243.26	H
81BN63	07699-45-8	ZINC BROMIDE	ZNBR2	225.21	H
81BN43	03486-35-9	ZINC CARBONATE	ZNCO3	125.38	H
81BN61	07646-85-7	ZINC CHLORIDE BUTTER OF ZINC	ZNCL2	136.29	H
81BN32	00557-21-1	ZINC CYANIDE	ZNC2N2	117.42	H
81BN62	07783-49-5	ZINC FLUORIDE	ZNF2	103.38	H
81BN42	00557-41-5	ZINC FORMATE	ZNC2H2O4	155.41	H
81BN21	07779-86-4	ZINC HYDROSULFITE DITHIONOUS ACID, ZINC SALT	ZNH2S2O4	195.50	H
81B900	13978-85-3	ZINC HYDROXYQUINOLINE	C18H12O2N2ZN	353.69	
81A200	23713-49-7	ZINC ION	(ZN)+2	65.38	
81BN31	07779-88-6	ZINC NITRATE	ZNN2O6	189.38	H
81B100	01314-13-2	ZINC OXIDE CHINESE WHITE ZINCITE ZINC WHITE	ZNO	81.37	
81BN22	00127-82-2	ZINC PHENOLSULFATE ZINC SULFOCARBOLATE	ZNC12H10O8S2	411.70	H

CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
81BN51	01314-84-7	ZINC PHOSPHIDE	ZN3P2	258.09	H
81BN82	16871-71-9	ZINC SILICOFLUORIDE SILICATE, HEXAFLUORO ZINC ZINC FLUOROSILICATE	ZNSIF6	207.45	H
81B200	01314-98-3	ZINC SULFIDE WHITE COPPERAS WHITE VITRIOL' ZINC VITRIOL	ZNS	97.43	H
81B220	07733-02-0	ZINC SULFATE	ZNSO4	161.43	
81B		ZINC- COMPOUNDS			
81	07740-66-6	ZINC- FREE AND COMBINED	ZN	65.37	
81A		ZINC- METAL & IONS			
63B		ZIRCONIUM-COMPOUNDS			
63A100	07440-67-7	ZIRCONIUM ZIRCONIUM METAL	ZR	91.22	
63B100	01314-23-4	ZIRCONIUM DIOXIDE BRADDELYITE ZIRCONIUM OXIDE	ZRO2	123.22	
63A200	15543-40-5	ZIRCONIUM ION	(ZR)+4	91.22	
63BN31	13746-89-9	ZIRCONIUM NITRATE	ZRN4O12	339.25	H
63BN81	16923-95-8	ZIRCONIUM POTASSIUM FLUORIDE ZIRCONATE, HEXAFLUORO-, DIPOTASSIUM	ZRK2F6	283.41	H
63BN21	14544-61-2	ZIRCONIUM SULFATE DISULFATOZIRCONIC ACID	ZRS2O8	283.34	H
63BN61	10026-11-6	ZIRCONIUM TETRACHLORIDE	ZRCL4	233.05	H
63	07440-67-7	ZIRCONIUM- FREE AND COMBINED	ZR	91.22	
63A		ZIRCONIUM- METAL & IONS			
52A		OXYGEN-GASES AND IONS			
25A		ONE RING HETEROCYCLIC S COMPOUNDS			

. CHEMICAL DATA TABLE LISTING IN PREFERRED NAME ORDER AS OF 04/16/80

MEG NUMBER	CAS NUMBER	PREFERRED NAME / SYNONYMS	EMPIRICAL FORMULA	MOLECULAR WEIGHT	PRIORITY POLLUTANT
24A		ONE OR TWO RING HETEROCYCLIC O COMPOUNDS			
53BN31	07783-20-2	AMMONIUM SULFATE	N2H8SO4	132.14	
25B		TWO OR MORE RING HETEROCYCLIC S COMPOUNDS			
22A		TWO OR THREE RING FUSED NON-ALTERNANT POLYCYCLIC H			
21A		TWO OR THREE RING FUSED POLYCLIC HC			
55A100	13494-80-9	TELLURIUM SYLVANIUM	TE	127.60	
24B		THREE OR MORE RING HETEROCYCLIC O COMPOUNDS			
22B		FOUR RING FUSED NON-ALTERNANT POLYCYCLIC HC			
21B		FOUR RING FUSED POLYCYCLIC HC			
22C		FIVE RING FUSED NON-ALTERNANT POLYCYCLIC HC			
21C		FIVE RING FUSED POLYCYCLIC HC			

Table A-8. ANALYATICAL METHOD

CODE	DESCRIPTION
AA	ATOMIC ABSORPTION SPECTROMETRY
AM	AMPEROMETRY
AS	ALPHA-SCAN SPECTROMETRY
BS	BETA-SCAN SPECTROMETRY
CA	CARBON ANALYZER
CD	CONDUCTIMETRY
CL	CHEMILUMINESCENCE
CM	COULOMETRY
CO	COLORIMETRY
DI	DISTILLATION
EX	EXTRACTION
FI	FLAME IONIZATION DETECTOR GC
FT	FOURIER TRANSFORM IR
GA	GAMMA-SCAN SPECTROMETRY
GC	GAS CHROMATOGRAPHY (NON-SPECIFIED DETECTION)
GE	GAS EVOLUTION
GF	FLAME PHOTOMETRIC GC
GL	ELECTRON-CAPTURE GC
GR	GRAVIMETRIC ANALYSIS
GS	GAS CHROMATOGRAPHY/MASS SPECTROMETRY
GT	THERMAL CONDUCTIVITY CELL GC
HP	HIGH PERFORMANCE LIQUID CHROMATOGRAPHY
IC	ION CHROMATOGRAPHY
IP	INDUCTIVELY COUPLED ARGON PLASMA SPECTROSCOPY
IR	INFRARED SPECTROMETRY
LC	LIQUID CHROMATOGRAPHY
MS	MASS SPECTROMETRY
NA	NEUTRON ACTIVATION ANALYSIS
ND	NONDISPERSIVE INFRARED SPECTROMETRY
NM	NUCLEAR MAGNETIC RESONANCE SPECTROMETRY
NS	NOT SPECIFIED
OA	ORSAT ANALYSIS
OS	OPTICAL EMISSION SPECTROSCOPY
PM	PARAMAGNETIC OXYGEN ANALYSIS
PO	POLAROGRAPHY
RA	RADIOCHEMICAL ANALYSIS
RS	RAMAN SPECTROSCOPY
SE	ION SELECTIVE POTENTIOMETRY
SM	SCANNING ELECTRON MICROSCOPY
SS	SPARK SOURCE MASS SPECTROSCOPY
TA	THERMAL ANALYSIS
TI	TITRIMETRY
TL	THIN LAYER CHROMATOGRAPHY
TU	TURBIDIMETRY
UV	ULTRAVIOLET/VISIBLE SPECTROMETRY
VO	VOLTAMMETRY
WC	WET CHEMICAL ANALYSIS (NOT SPECIFIED)
XD	X-RAY DIFFRACTION
XF	X-RAY FLUORESCENCE SPECTROMETRY
ZZ	OTHER (SEE COMMENTS)

TABLE A-9(a). MEASUREMENT INSTRUMENT/METHOD (FPEIS)

Particulate Size Distribution Method/Monitor:

Impactor

ANDERSEN IMPACTOR	
ANDERSEN MODEL II IMPACTOR	Andersen stack sampler with stainless steel collection plates
ANDERSEN MODEL III IMPACTOR	Modified Andersen sampler with glass fiber filter collection surface
ANDERSEN MODEL IV IMPACTOR	Modified Andersen sampler with glass fiber filter collection surfaces and a cyclone precollector
ANDERSEN MODEL HCSS IMPACTOR	High capacity stack sampler
BRINK IMPACTOR	
BRINK BMS-11 IMPACTOR	Conventional Brink sampler (in situ) with a precyclone having a 7 micron cut size
BRINK MODEL B IMPACTOR	In situ particle size distribution sampler with five in-line stages
IMPACTOR	Any other impactor, not specified (elaborate in comments)
MRI MODEL 1502 IMPACTOR	Manufactured by Meteorology Research, Inc.
TAG IMPACTOR	Multiple slit cascade impactor manufactured by Environmental Research Corporation or Sierra Instruments, Inc.
UW MARK III IMPACTOR	University of Washington cascade impactor manufactured by Pollution Control Systems, Inc.

Optical Particle Counter

BAUSCH & LOMB MODEL 40-1-OPC

CLIMET MODEL-OPC

OPTICAL PARTICLE COUNTER

ROYCO MODEL-OPC

TABLE A-9(a). Continued

<u>Condensation Nuclei Counter</u>	
CONDENSATION NUCLEI COUNTER	
GENERAL ELECTRIC-CNC	
RICH 100-CNC	
<u>Diffusion Battery</u>	
CHS-DIFFUSION BATTERY	David Sinclair design with collimated hole structure
CLUSTER TUBE-DIFFUSION BATTERY	
RECTANGULAR TUBE-DIFF BATTERY	
WIRE SCREEN DIFFUSION BATTERY	Manufactured by Thermo-Systems, Inc.
<u>Electric Analyzer</u>	
WHITBY ELECTRICAL ANALYZER	Manufactured by Thermo-Systems, Inc.
<u>Miscellaneous</u>	
CNC-DIFFUSION BATTERY	CNC used concurrently with a diffusion battery
COULTER COUNTER	
CYCLONES	
ELECTRON MICROSCOPE	
ELUTRIATOR TUBE	
MOBILITY ANALYZER	
OPTICAL MICROSCOPE	
SASS TRAIN-WITH CYCLONES	Regular SASS with three separate cyclones included for particle size distribution
SORI IP SAMPLER	

TABLE A-9(a). Concluded

Other:

CONTINUOUS MONITOR

FILTER

FILTER AND IMPINGER TRAIN

IMPINGER TRAIN

NOT SPECIFIED

SASS TRAIN-WITH CYCLONES

SASS TRAIN-WITHOUT CYCLONES

EPA Reference Methods:

EPA METHOD 5	Particulate emissions
EPA METHOD 13A	Total fluorides by SPADNS Zirconium Lake method
EPA METHOD 13B	Total fluorides by specific ion electrode method
EPA METHOD 14	Fluorides from potroom roof monitors of primary aluminum plants
EPA METHOD 17	Particulate emissions by instack filtration method
EPA METHOD 101	Mercury emissions from air streams
EPA METHOD 102	Mercury emissions from hydrogen streams
EPA METHOD 103	Beryllium screening method
EPA METHOD 104	Beryllium emissions

TABLE A-9(b). MEASUREMENT INSTRUMENT/METHOD (GEDS)

CONTINUOUS MONITOR

GRAB

INTEGRATED GRAB

NOT SPECIFIED

EPA Reference Methods

EPA METHOD 3	Carbon dioxide, oxygen, excess air, and dry molecular weight
EPA METHOD 6	Sulfur dioxide
EPA METHOD 7	Nitrogen oxides
EPA METHOD 8	Sulfuric acid mist and sulfur dioxide
EPA METHOD 10	Carbon monoxide continuous NDIR
EPA METHOD 11	Hydrogen sulfide in fuel gas streams in petroleum refineries
EPA METHOD 13A	Total fluorides by SPADNS Zirconium Lake method
EPA METHOD 13B	Total fluorides by specific ion electrode method
EPA METHOD 14	Fluorides emissions from potroom roof monitors of primary aluminum plants
EPA METHOD 15	Hydrogen sulfide, carbonyl sulfide, and carbon disulfide (flame photometric)
EPA METHOD 16	Sulfur emissions by gas chromatography and flame photometric detection
EPA METHOD 101	Mercury emissions from air streams
EPA METHOD 102	Mercury emissions from hydrogen streams
EPA METHOD 104	Beryllium emissions
EPA METHOD 106	Vinyl chloride

TABLE A-9(c). MEASUREMENT INSTRUMENT/METHOD (LEDS)

CONTINUOUS

GRAB

INTEGRATED COMPOSITE

NOT SPECIFIED

TABLE A-9(d). MEASUREMENT INSTRUMENT/METHOD (SDDS)

CONTINUOUS

GRAB

GRAB-CORE

GRAB-SURFACE

INTEGRATED COMPOSITE

NOT SPECIFIED

TABLE A-10. FLOWRATE MEASUREMENT METHOD

Differential Pressure Device	Encode
Venturi	VENTURI
Flow Nozzle	FLOW NOZZLE
Orifice	ORIFICE
Pitot Tube	PITOT TUBE
Mechanical Devices	
Turbine Meter	TURBINE METER
Rotameter-Inline	ROTAMETER-INLINE
Rotameter-Bypass	ROTAMETER-BYPASS
Target Meter	TARGET METER
Positive Displacement Devices	
Reciprocating Pistons	RECIPROCATING PISTON
Nutating Disc	NUTATING DISC
Rotary Piston	ROTARY PISTON
Rotary Vane	ROTARY VANE
Open Channel	
Weir-Rectangular, Contracted	WEIR-RECT./CONTRACT
Weir-Rectangular, Suppressed	WEIR-RECT./SUPPRESS
Weir-V Notch	WEIR-V NOTCH
Weir-Cipoletti	WEIR-CIPOLETTI
Flue-Parshall	FLUE-PARSHALL
Flume-Palmer Bowlus	FLUME-PALMER BOWLUS
Current Meter w/Cross Sectional Area	CM/CSA
Float + Stop Watch w/Cross Sectional Area	F & SW/CSA
Calculations	
Manning Flow Formula	MANNING FLOW FORMULA
Other Flow Formula	OTHER FLOW FORMULA
Water Balance	WATER BALANCE

TABLE A-10. Concluded

Miscellaneous

Dye Injection	DYE INJECTION
Salt Dilution	SALT DILUTION
Change in Tank Level w/Time	CHANGE IN TL/TIME
Bucket & Stopwatch	BUCKET & STOPWATCH
Trajectory Measurement-Horizontal Open End Pipe	TM-HOEP
Weir/Jet Flow-Vertical Open End Pipe	WEIR/JET FLOW-VOEP
California Pipe Flow Method	CPFM
Open Flow Nozzle-Kennison	OFN-K
Open Flow Nozzle-Parabolic Flume	OFN-PF
Pump Curve	PUMP CURVE
Sonic Flowmeter	SONIC FLOWMETER
Magnetic Flowmeter	MAGNETIC FLOWMETER
Vortex Shedding Flowmeter	VSF
Water Meter on Water Supply Line	WM ON WSL
Engineering Estimate	ENGINEERING ESTIMATE

TABLE A-11. BIOASSAY TEST TYPE

Encode

ALGAL ACUTE BIOASSAY

CLONAL TOXICITY

CYTOTOXICITY

MUTAGENICITY

STATIC ACUTE BIOASSAY

TERRESTRIAL BIOASSAY

WHOLE ANIMAL BIOASSAY

TABLE A-12. BIOASSAY TEST NAME

Encode
AMES
CHO
FOLIAR INJURY
FRESHWATER ALGAE
FRESHWATER FISH
FRESHWATER INVERTEBRATE
INSECT ACUTE TOXICITY
MARINE ALGAE
MARINE FISH
MARINE INVERTEBRATE
NITROGEN FIXATION
RAM
RAT
RESPIRATION-SOIL
SEED GERMINATION
SEEDLING GROWTH
STRESS ETHYLENE
WI-38

TABLE A-13. BIOASSAY TEST ORGANISMS/STRAINS

Encode

ADULT MICE

ADULT RATS

BUSH BEANS

CHO

DAPHNIA

DIATOMS

DICOTS

DROSOPHILA

FATHEAD MINNOW

GRASS SHRIMP

HONEY BEE

HUMAN LUNG FIBROBLASTS

MICROCYSTIS AERUGINOSA

MONOCOTS

RABBIT ALVEOLAR MACROPHAGE CELLS

SALMONELLA TYPHIMURIUM TA-98

SALMONELLA TYPHIMURIUM TA-100

SALMONELLA TYPHIMURIUM TA-1535

SALMONELLA TYPHIMURIUM TA-1537

SALMONELLA TYPHIMURIUM TA-1598

SELENASTRUM CAPRICORNUTUM

SHEEPSHEAD MINNOW

SIEVED SOIL

SKELETONEMA CONSTATUM

TABLE A-14. ENGINEERING UNITS AND CONVERSION TABLE

Since computer encoding of units does not allow the use of Greek letters or lower case letters, the following protocol for the encoding of engineering units is defined:

Base Units	Encode
Ampere	A
Curie	CI
Day	DAY
Degree Celsius	C
Hour	HR
Gram	G
Joule	J
Liter	L
Meter	M
Metric ton	T
Mho (conductivity)	MHO
Minute	MIN
Ohm (resistance)	OHM
Pascal	PA
Percent	%
Percent by volume	% VOL
Percent by weight	% WT
Second	S
Watt	W

Adapted SI Prefixes

Factor	Prefix	SI Symbol	Encode
10^{18}	exa	E	E
10^{12}	tera	T	T
10^{9}	giga	G	G
10^{6}	mega	M	M6
10^{3}	kilo	k	K
10^{-2}	centi	c	C
10^{-3}	milli	m	M
10^{-6}	micro	μ	U
10^{-9}	nano	n	N
10^{-12}	pico	p	P

Special Prefixes	Encode
Actual	A
Dry normal	DN
Normal	N
Parts per	PP

TABLE A-14. Continued

Examples of Derived Units	Encode
Actual cubic meters	AM3
Centimeters	CM
Centimeters/second	CM/S
Cubic meters/second	M3/S
Dry normal cubic meters	DNM3
Grams per cubic centimeter (density)	G/CM3
Joule per hour	J/HR
Kilogram	KG
Kilograms of steam per hour	KG/HR
Kilojoules/kilogram (heat content)	KJ/KG
Kilopascals (kPa) (pressure)	KPA
Kilowatt	KW
Kilowatt-hour	KWH
Liters per second	L/S
Liters per minute	L/MIN
Megawatt	MW
Meters per second	M/S
Metric tons per day	T/DAY
Micrograms (μg)	UG
Microgram per cubic meter	UG/M3
Microgram per gram	UG/G
Microgram per liter	UG/L
Micro mho (conductivity)	UMHO
Micron (μm)	UM
Milligrams (mg)	MG
Milligrams per plate	MG/PLATE
Milligrams per milliliter	MG/ML
Milligrams per kilogram	MG/KG
Milliliter	ML
Normal cubic meters per minute	NM3/MIN
Parts per billion	PPB
Parts per million	PPM
Picocurie (pCi)	PCI
Picocuries per cubic meter	PCI/M3
Picocuries per gram	PCI/G
Picocuries per liter	PCI/L
Square centimeters (cm^2)	CM2
Square meters (m^2)	M2

TABLE A-14. Continued

To Convert From:	To:	Multiply By:
acre	meter^2	4.05 E + 03
atmosphere	pascal	1.01 E + 05
barrel	meter^3	1.59 E - 01
Btu	joule	1.06 E + 03
Btu/hour	watt	2.93 E - 01
Btu/pound (mass)	kilojoule/kilogram	2.33 E + 00
Btu/second	watt	1.06 E + 03
calorie (International Table)	joule	4.19 E + 00
degree Fahrenheit	degree Celsius	$(t_F - 32)$ 5/9
foot	meter	3.05 E - 01
foot^2	meter^2	9.29 E - 02
foot^3	meter^3	2.83 E - 02
gallon	liter	3.79 E + 00
gallon	meter^3	3.79 E - 03
grain	milligram	6.48 E + 01
grain/foot^3	gram/meter^3	2.29 E + 00
horsepower (550 foot-pound force/second)	watt	7.46 E + 02
inch	centimeter	2.54 E + 00
inch	meter	2.54 E - 02
inch^2	meter^2	6.45 E - 04
inch^3	meter^3	1.64 E - 05
inch of mercury (60°F)	pascal	3.38 E + 03
inch of water (60°F)	pascal	2.49 E + 02
kilocalorie	joule	4.19 E + 03
kilowatt-hour	joule	3.60 E + 06
liter	meter^3	1.00 E - 03
mil	meter	2.54 E - 05
mile (U.S. Statute)	meter	1.61 E + 03
mile/hour	meter/second	4.47 E - 01
ounce (mass AVDP)	kilogram	2.83 E - 02
ounce (U.S. fluid)	meter^3	2.96 E - 05

TABLE A-14. Concluded

To Convert From:	To:	Multiply By:
pint (U.S. liquid)	$meter^3$	4.73 E - 04
pound (mass AVDP)	kilogram	4.54 E - 01
pound/million Btu	nanogram/joule	4.30 E + 02
$pound/inch^2$ (psi)	pascal	6.89 E + 03
$pound/foot^3$	$kilogram/meter^3$	1.60 E + 01
pound (thousands)/hour	kilogram/second	1.26 E - 01
quart	liter	9.46 E - 01
quart	$meter^3$	9.46 E - 04
ton (long = 2240 pounds)	kilogram	1.02 E + 03
ton (short = 2000 pounds)	kilogram	9.07 E + 02
tonne (metric ton)	kilogram	1.00 E + 03
yard	meter	9.14 E - 01

TABLE A-15. EFFLUENT PARAMETER

Parameter:	Encode:
Acidity	ACIDITY
Alkalinity	ALKALINITY
Ammonia N	AMMONIA N
5-day biochemical oxygen demand	BOD5
Ultimate biochemical oxygen demand	BODU
Chemical oxygen demand	COD
Color	COLOR
Dissolved fixed solids	DFS
Dissolved oxygen	DO
Dissolved volatile solids	DVS
Fecal coliform	FECAL COL
Fixed suspended solids	FSS
Fluoride	FLUORIDE
Grease	GREASE
Hardness	HARDNESS
Nitrate	NITRATE
Nitrite	NITRITE
Oil & grease	OIL & GREASE
Organic nitrogen	ORGANIC N
Ortho phosphate	ORTHO PO4
pH	PH
Soluble 5-day biochemical oxygen demand	SOLUBLE BOD5
Settleable solids	SS
Sulfide	SULFIDE
Surfactants	SURFACTANTS
Sludge volume index	SVI
Total dissolved solids	TDS
Total fixed solids	TFS
Total Kjeldahl nitrogen	TKN
Total organic carbon	TOC
Total oxygen demand	TOD
Total coliform	TOTAL COL
Total nitrogen	TOTAL N
Total elemental phosphorus	TOTAL P
Total phenol	TOTAL PHENOL
Total phosphate	TOTAL PO4
Total residual chlorine	TRCL
Total solids	TS
Total suspended solids	TSS
Turbidity	TURBIDITY
Total volatile solids	TVS
Volatile acids	VOL ACIDS
Volatile suspended solids	VSS